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The



CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

published 1859

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CXLVII

DECEMBER 27, 1947

Annual Subscription (with
Diary) 30/-. Single Copies 1/-

the mathematics of harmony

Certain numerical relationships occur with impressive frequency in nature. Tones sounded by a vibrating string depend upon the length of the string. Lengths which give a note its fifth and its octave are in the ratio of 2 : 3 : 4, forming terms in a musical progression. Some Greek philosophers believed that earth-planet distances were also in musical progression—hence the phrase, “the harmony of the spheres.” Harmony in human relationships may also be attributed to well-defined psychological patterns. Helpfulness, service, integrity and fairness will always win and hold the loyalty of good customers. These considerations led to the adoption of the Lilly policy, which for fifty-one years has steadfastly protected the interests of the allied health services. At this holiday season we gratefully acknowledge the ever-growing support given to us by pharmacists everywhere.



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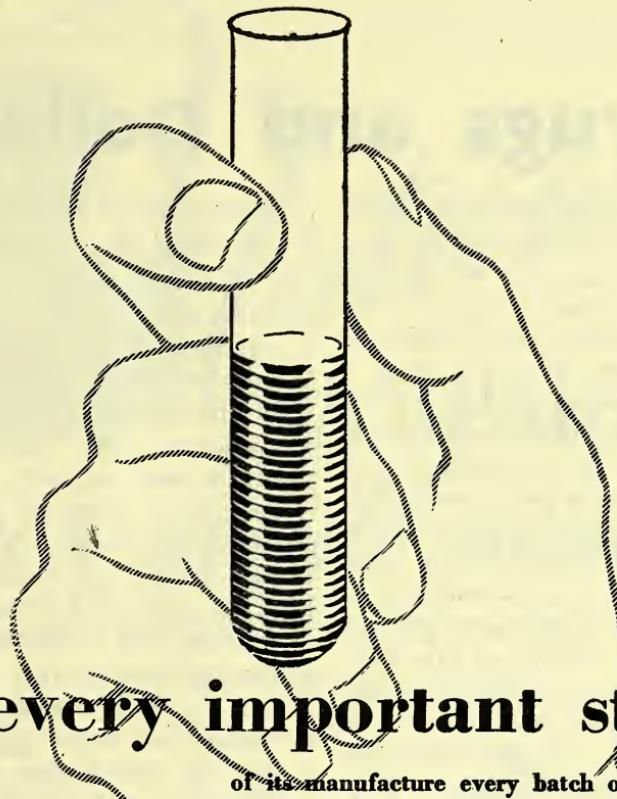
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7	8	
*3 8 10		

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Capsules

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*2 8 7		

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1	3	0
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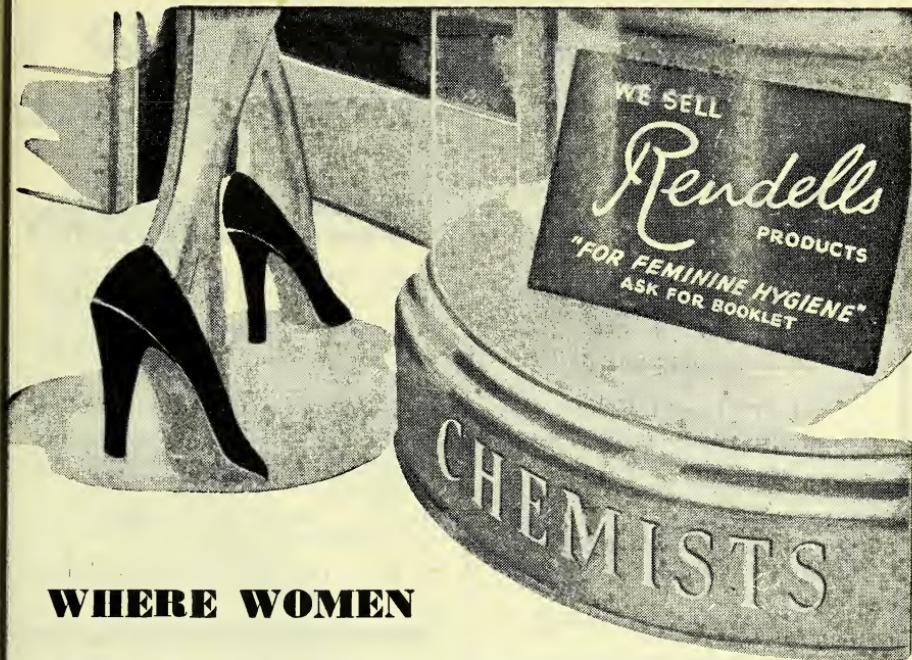


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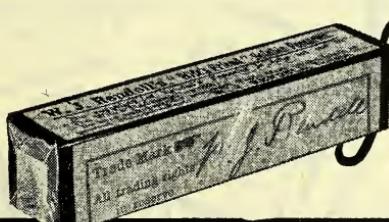


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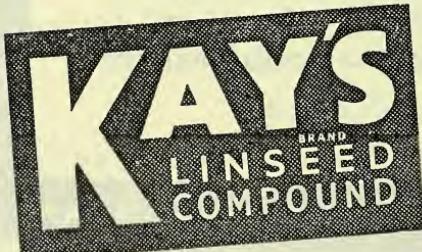
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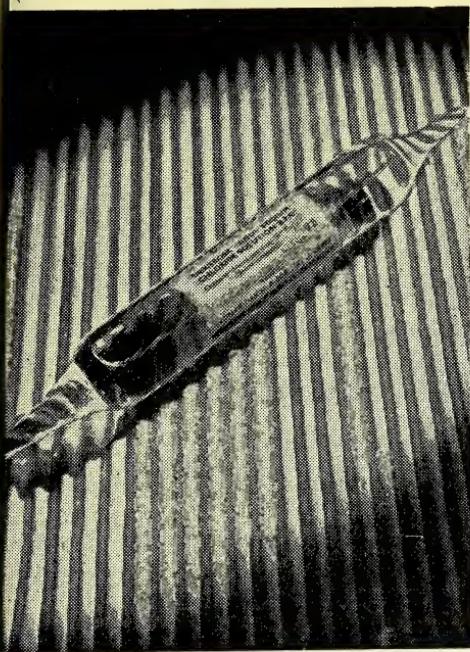
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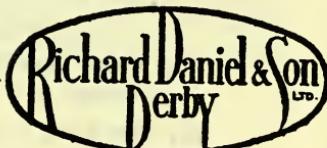
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- • • Phenolphthalein is so innocuous that it has been found impossible to administer a lethal quantity to test animals.
- • • An accidental overdose of 130 grains of phenolphthalein was taken by a 3-year-old child without permanent ill-effects.
- • • Phenolphthalein is not irritating to the kidneys, the liver, or the intestinal tract.
- • • Phenolphthalein may be taken during pregnancy and by nursing mothers. It does not affect the milk during lactation, nor does it affect the nursing child.
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MANCHESTER EVENING CHRO

MONDAY, MAY 10, 1807.

50 years ago -

this advertisement for Towle's Chlorodyne appeared in the first number of the Manchester Evening Chronicle. Even at that date, Towle's had established itself as a well-tried and popular remedy,

and to-day -

TOWLE'S

CHLORODYNE

remains ever popular with the Pharmacist and his customers

Ample supplies are available

RETAIL PRICES	1/5½ and 3/5½	TRADE PRICES	10/- and 24/6 dozen
Including Purchase Tax		Plus 33½% Purchase Tax	

Order through your usual Wholesaler or direct from :

JAMES WOOLLEY, Sons & Co. Ltd., Victoria Bridge, Manchester, 3



STATISTICS :

United Kingdom figures for reported cases, Mar. 23, 1946 to Sept. 6, 1947, in 4-weekly periods from the Registrar-General's returns.

Large-scale diphtheria immunization is telling its own success story . . . and now the development by Glaxo Laboratories of an efficient whooping cough vaccine brings nearer the promise of a similar trend in the statistical picture of pertussis.

For the convenience of *simultaneous* prophylaxis against both these diseases, the pertussis vaccine and diphtheria toxoid have been combined as one immunological weapon. Each cc. of the Combined Prophylactic Glaxo contains at least Lf 25 diphtheria prophylactic A.P.T. and 20,000 million H. pertussis (alum-precipitated). The course for primary immunization comprises three injections—0.5 cc., 0.5 cc., and 1.0 cc. at monthly intervals—a feature of clear advantage to those combating these diseases.

*PRICE REDUCTIONS

DIPHTHERIA-PERTUSSIS PROPHYLACTIC Glaxo

* 2.5 cc. vial (New size)	Old price	New price
5 cc. vial	10/9d	5/-
10 cc. vial	15/6d	7/6d

WHOOPING COUGH ALUM-PRECIPITATED VACCINE Glaxo

5 cc. vial	10/9d	7/6d
10 cc. vial	15/6d	12/6d

WHOOPING COUGH DISSOLVED VACCINE Glaxo

5 cc. vial	10/9d	7/6d
25 cc. vial	25/-	17/6d

WHOOPING COUGH DISSOLVED VACCINE FORTE Glaxo

5 cc. vial	25/-	17/6d
------------	------	-------

* New size, introduced and prices reduced 10th November, 1947




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BRAND

MALT & COD LIVER OIL



OF UNSURPASSED QUALITY

THE supreme pharmaceutical excellence of Wander Brand Malt Extract and Cod Liver Oil, the outstanding preparation of its kind, has for many years been widely recognised by physicians.

The Cod Liver Oil used is the best obtainable and the malt extract is specially prepared by A. Wander, Ltd., who are probably the world's largest producers of medicinal malt extract and are leading authorities upon its manufacture. These two ingredients are combined in the proportions most generally required by the medical profession.

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On the P.A.T.A.

Wholesale Prices: 1 lb. Jars 18/9; 2 lb. Jars 35/6

Exempt from Purchase Tax

Retail Prices: 1 lb. Jars 2/-; 2 lb. Jars 3/10/-

For further details write to:

A. WANDER, LTD.

5 & 7 Albert Hall Mansions

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The place of May & Baker Ltd. in the field of sulphonamide therapy is adequately confirmed in the wide range of M&B sulphonamides and their preparations now available.

Continuing research and development of these important therapeutic substances in the M&B laboratories ensure that this position is maintained and enhanced.

It is probable that the pharmacist wishing to purchase sulphonamides and sulphonamide preparations will find the product he requires in the M&B range. He can be sure that in an M&B medical product he is supplying a high-quality drug from a manufacturer of integrity and long experience.



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MAY & BAKER LTD.

distributors

PHARMACEUTICAL SPECIALTIES (MAY & BAKER) LTD. DAGENHAM



POWDERED DRUGS

DIGITALIS · IPECAC.
ALOES · GLYCYRRH., etc.

May we have your enquiries?

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FOUNDED 1833

STAFFORD ALLEN & SONS LTD
WHARF ROAD, LONDON, N.1 CLERKENWELL 1000 (7 lines)

TAS/AL.238

PA

Sole

A reminder!

ZOTE SPONGES
COME DOWN IN PRICE ON
DECEMBER 1st

Retailers already know—most of them to their profit!—about the unusually quick success of the ZOTE Sponge. ZOTE is on the map!

The quick success has made it necessary to install new and faster methods of production—methods that have brought down the cost of manufacture. So, when the price of so many things is going up, the price of ZOTE Sponges is reduced—a healthy reduction of 7d. We had hoped it would be more.

WARNING: *Supplies of the attractive display at an end. Keep those you already have when you re-order.*

CAN YOU USE
Sponge at

Sole Se

BUDGET NOTE

Owing to the increased purchase tax, new deliveries of Zote Sponges will retail at 4/2d. as from 1st December.

P.A.T.A.

Sole Selling Agents: HALEX LIMITED, HALE END, LONDON, E.4

C

**A NAME
and a
STANDARD**

**“SURE
SHIELD”**

PRODUCTS



**‘SURE SHIELD’
IODISED THROAT
TABLETS**

**‘SURE SHIELD’
FRUIT LAXATIVES**

**‘SURE SHIELD’
GLYCERINE of THYMOL
PASTILLES**

**LOZENGES. PASTILLES.
TABLETS.**

IN BULK and ATTRACTIVE PACKS

DELIVERIES. The position is now much improved. Although we are producing to our full capacity we still have to take orders in rotation and are making every effort to maintain an equitable distribution of our PRODUCTS.

Thos. Guest & Co. Ltd. *Manufacturing Chemists*
Carruthers Street, Manchester, 4

SPONGES



Ægina
(Greece)

The Warehouses of Cresswell Brothers and Marks.

We have warehouses at Ægina, Greece, and are represented at all major centres of the Sponge Industry throughout the world. Let us record your name for earliest possible delivery of “RELIANCE” SPONGES & CHAMOIS LEATHERS.

We have no connection with any other firm advertising sponges or chamois leathers in this journal.

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(INTERNATIONAL SPONGE IMPORTERS, LTD.)
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PHONE GULLIVER 5462-3 'GRAMS.SPONGE,NORWEST,LONDON

*Dental Sticks
are specially
made for
massaging the
gums — Thus
are not tooth-
picks —*

Dental Sticks are manufactured from various types of specially selected soft and hard woods and also from whalebones, and are intended entirely for massaging the gums between the teeth.

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NEWCASTLE-ON-TYNE 4

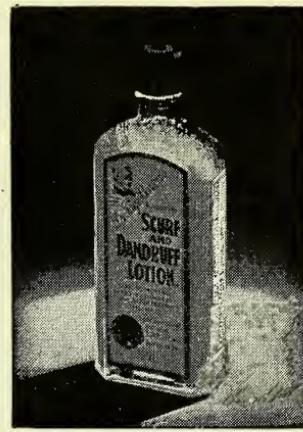
+ Stops
SCURF

Dr. Page-Barker's
Surf & Dandruff Lotion

If you find any difficulty in obtaining supplies send us the name of your usual Wholesaler and we will do our best to assist you.

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Trade 18/- doz.

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 CRUDE DRUGS,
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Each ounce contains a natural Vitamin B₁ potency equivalent to that of 25 mgm. Aneurin Hydrochloride, 1.4 mgm. of Riboflavin, and 8 mgm. Nicotinic Acid. Each tablet contains 100 I.U. (approx.) Vitamin B₁.
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ESTABLISHED 1793
ATKINSON & BARKERS
INFANTS' PRESERVATIVE
 The Best and Safest Infants' Medicine of
 150 years' standing
 Does not contain any Scheduled Poison
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**Compressed
 TABLET SERVICE**
WHOLESALE & EXPORT
 Reasonable estimates
 Clients' own material operated if desired.
 The
DALES ASPIRIN AND TABLETING CO.
 Barrows Lane, STEETON, Yorks.

NOW
is the time to
place your orders
for **FERUTE**—and
be ready for the
Peak Sales Period

- ★ Nationally and Locally Advertised
- ★ Full 33½% Profit
- ★ Bonus 13 to the doz. on Gross Lots

RETAIL—1/8 and 3/1
per bottle, inc. Tax.
COST—11/3 and 21/-
per doz. plus 33½% P.T.



OUTSTANDING!

THE DENSHEEN TOOTH WHITENING PENCIL SHOWS 75% PROFIT ON COST!!

Selling to the public at 6d. each, including tax, this product is unsurpassed in value and sales appeal.

Make it a companion line to your dentifrice and toothbrush sales, but don't be misled by inferior and less profitable imitations.

The DENSHEEN (formerly Dencil) Pencil is the original British product.

Why not order three dozen to-day, carr. pd., from:—

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Telephone: Royal 5283

EVAN WILLIAMS

**Liquid
TINTENNA**

True Henna
Tints for
Brown and
Auburn Hair



Showcards
now available
from our
representatives.

LIQUID TINTENNA
is a genuine synthetic henna
giving the satisfactory results
of henna with perfect safety.

It has been received with the greatest enthusiasm by all women with brown or auburn hair who appreciate the ease with which they can maintain and accentuate the natural tones of their hair without frequent visits to their hairdresser.

Easy to use—safe to use—this reputable product from the house of Evan Williams is a sound selling line.

Supplied in attractive containers with full directions.

24/6 per dozen plus 125% tax.

Retail Price 5/6 each incl. tax.

Evan Williams Co. Ltd., Aintree Road, PERIVALE, Greenford, Middlesex

COLDS?

Alka-Seltzer's quick double-action is

making **DOUBLE-QUICK SALES**

Tie up with
this advertising
and get your
share of the
good business
it is building . . .

REAR TO
cheaper
than
sel-
t

TAKE THE MISERY
OUT OF THAT **COLD**

Don't go around with that stuffed-up feeling, that feverish, all-over misery. Take Alka-Seltzer in a glass of water. You'll soon feel better. Only in Alka-Seltzer can you get a pain-reliever and an alkalinizer combined in a quick-acting effervescent tablet. That is the reason for its unique **DOUBLE-ACTION**. See how quickly it brings comfort to those aching muscles and eases that feverish feeling. Whenever you get a cold, or better still, when you feel one coming on—take Alka-Seltzer. Get a bottle today from your chemist.

Alka-Seltzer
Made by Miles Laboratories Est 1880

NO MODELL

Winter colds mean a big demand for Alka-Seltzer — a demand that is getting still bigger as a vigorous new advertising campaign gets into its swing.

In Alka-Seltzer, acetyl-salicylic acid, sodium bicarbonate and citric acid are combined, for the first time, in a chemically stable effervescent tablet.

More and more people are discovering just what this means to them in tackling colds, indigestion, headaches, everyday aches and pains. Those who cannot take aspirin find no trouble at all with Alka-Seltzer. And its antacid content is invaluable in correcting the cause of any trouble associated (as so

many minor ills are) with an excess acid condition of the stomach.

Ample Alka-Seltzer supplies are coming from the new factory in South Wales. Check up on your stocks — make a good display of Alka-Seltzer and get your share of this extra business.

Write for trade price list and details of display discounts: **Don S. Momand Ltd.**, 57 Albany Street, London, N.W.1. Sole Distributors for Miles Laboratories. Established 1880.



NOW RUNNING—

STRONG NEW NATIONAL ADVERTISING CAMPAIGN FOR MACAULAY'S LUNG SYRUP

Check your stock — replacements should be ordered right away — the Macaulay's season is almost on us. A completely new idea in Lung Syrup advertising is going to bring sufferers from Coughs into your shop this winter to ask for Macaulay's—to demand it, in fact, and to walk out again if you are

out of stock. The big National Daily and Sunday newspapers and the important Provincial papers will have these advertisements. We create the demand; all you need do is carry the stock, display it, and reap the profit. Order Macaulay's from your usual wholesaler or direct from:

ASHLEY & WEEKS LIMITED Manufacturing Chemists

165 Mitcham Rd., London, S.W.17. Telephone: Balham 4416

Field

Creators of high-class Perfume Compounds and makers of Aromatic Chemicals and Technical Deodorants.

FIELD & Co. (Aromatics) Ltd., Alperton, Wembley, Mdx.



STOCK

VELVEX

The toilet tissue that housewives ask for by name

● IN HANDY PACKETS OR ROLLS

VELVET TOILET TISSUE
CREPE PAPER CO. LTD. VELVET CREPE PAPER CO. LTD.

VALDOR
LONDON PARIS



LIPSTICK *Guitare*

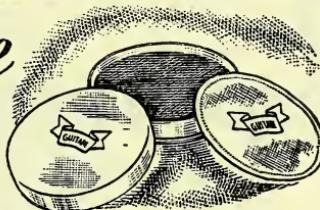
SUPER INDELIBLE
—does NOT come off!

In 8 transparent shades which are smearless and smudgeless and remain fast to eating, drinking, etc., for at least 8 hours.

ROUGE *Guitare*

IN EIGHT SHADES TO MATCH

the lipstick. Of perfect tone and texture, Rouge Guitare is sought after by all smart women for enhancing natural beauty.

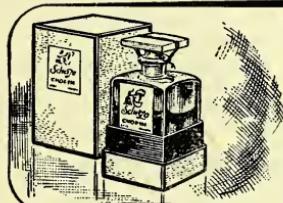


MAKE-UP FOUNDATION

Does not dry the skin.
A delightful skin conditioning creamy foundation. In 8 shades.
It contains Lanolin and cannot dry the skin.

Yantar LIP SALVE

Pleasantly medicated, it brings instant relief to lips that are hot, parched or painful. A rapid seller for Men and Women.



High Class French Perfume PARFUMS CHOPIN

Mazurka, Berceuse, Scherzo. Three exquisite perfumes from Paris to intrigue and delight all smart fashionable women.

SALE, TILNEY & CO., LTD., 3, Lloyds Avenue, London, E.C.3.

*An advance
in
Asthma
medication*

Respaton
TABLETS

Indication

Respaton Tablets are specially indicated for the speedy relief of Asthma, Bronchial Asthma, Bronchitis, Emphysema and cognate ailments.

Action

Respaton Tablets are : Antispasmodic, Antipyretic, Analgesic, Sedative.

Formula

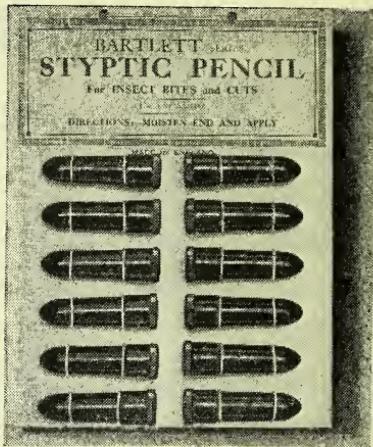
<i>Ephedrine Hydrochloride</i>	...	$\frac{1}{2}$	<i>grain</i>
<i>Ext. Bellad. Sicc. B.P.</i>	...	$\frac{1}{15}$	"
<i>Dioxyamidopyrine</i>	...	$\frac{1}{2}$	"
<i>Ipecac Pulverat. B.P.</i>	...	$\frac{1}{2}$	"
<i>Theobromine</i>	...	$\frac{1}{2}$	"
<i>Calcium Lactate</i>	...	$\frac{1}{2}$	"
<i>Lactose</i>	...	$\frac{1}{2}$	"

Respaton Tablets are now being introduced to the Medical Profession. Chemists would be well advised to lay in a small stock in anticipation of prescriptions.

In Bottles 25 tablets 4/4d.; 100 tablets 15/6d., inc. P.T. Usual trade terms.

MEDICAL SPECIFICS LTD.

West India House
Maryland Street, Liverpool, 1.



**BARTLETT
STYPTIC PENCIL**
in bakelite case
4/- per dozen on card

Order from your usual Wholesaler
ALFRED FRANKS & BARTLETT Co. Ltd
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**Interchangeable
PRICE TICKETS**



These Interchangeable price tickets meet the present-day demand of odd and varying prices.

They are easily arranged and can give as many as 4,000 different combinations of prices with 1 dozen tickets.

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Designers and Actual Manufacturers of Window Displays, Display Fittings and Price Tickets for over 100 years

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Potter's
Catarrh Pastilles

**Revised
 "Budget"
 Prices**

P.A.T.A.

RETAIL
 $1/4\frac{1}{2}$ each
WHOLESALE
 9/- per doz.
 plus tax 3/-



Reminder :
Potter's
Asthma
Remedy

RETAIL 2/5
WHOLE-
SALE 18/-
 Plus tax 6/-
 per doz.

..... are still in short supply. WE do our utmost to equalise distribution to Chemists.

YOU can help by ensuring that those whose need is greatest receive their share. Please economize.

POTTER & CLARKE LTD.

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Telephone : BISHOPSgate 4761
 and

77 Dantzig Street, MANCHESTER 4.

Telephone : BLACKFRIARS 8734

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HAIR
PREPARATIONS

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LONDON. E.5.

Manufacturers of
**PASHANA, FOUGERE LOTIONS,
TONFREY'S DRY SHAMPOO ETC.**

Galjado

THE UNIVERSAL FAVOURITE
FOR OVER
20 YEARS

HAIR COLOUR RESTORER
For Grey and Faded Hair

Complete Catalogue of Perfumery and Toilet Preparations sent on request
All products obtainable from your usual wholesaler or direct from

S. SIGNAL & CO. LTD.
MANUFACTURERS OF EXCLUSIVE TOILET PREPARATIONS
47 TABERNACLE STREET, LONDON, E.C.2

A New Family Shampoo

- ... a CREAM Shampoo in a handy tube
- ... each tube sufficient for 5 SHAMPOOS
- ... SOAPLESS and requires no special rinse
- ... leaves the hair soft and glossy — HAIR CONDITIONING
- ... LATHERS FREELY in hard and soft water
- ... makes all types of hair EASY TO SET
- ... no mixing, no liquid to spill, NO WASTE

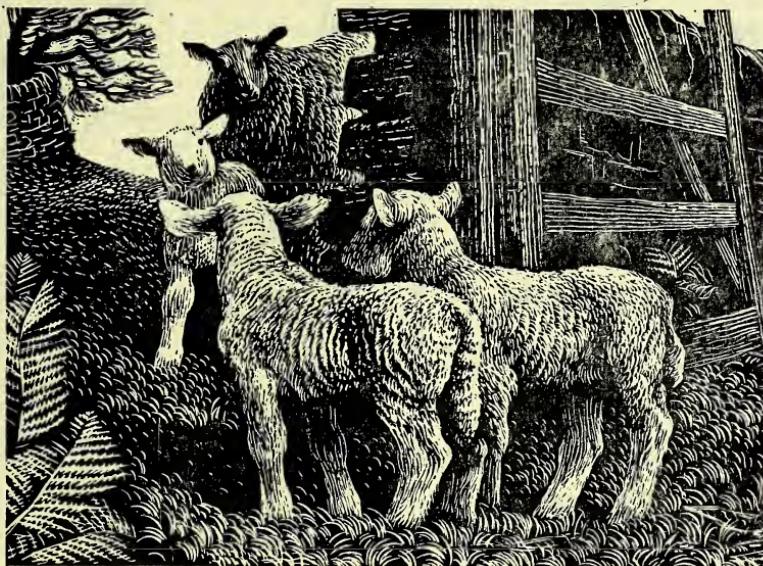
Made by the long-established house of Koko-Maricopas and backed by a strong advertising campaign in selected newspapers and women's magazines.

One dozen Koko Cream Shampoos are supplied in an attractive display outer.



TRADE TERMS : Wholesaler 17/10 doz. Retailer 21/- doz. Purchase Tax 10/6 doz. Retails at 3/6 tube.
Order through your wholesaler.
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THE NATION NEEDS FOOD



Whenever a lamb succumbs to dysentery, the loss is more than local. Your veterinary counter, by reminding farmers of the necessity for maintaining healthy flocks, performs a national service. Display 'Wellcome' Lamb Dysentery Serum, the product which enjoys the confidence of veterinary surgeon and farmer alike, and so help to fill the country's larder.

Containers of 100 c.c.

'WELLCOME'
BRAND

Lamb Dysentery Serum

PREPARED AT THE WELLCOME PHYSIOLOGICAL RESEARCH LABORATORIES



SUPPLIED BY

BURROUGHS WELLCOME & CO., LONDON

(THE WELLCOME FOUNDATION LTD.)

(T.27b)



P.A.T.A.

KNOLL LIMITED LONDON, W.1

BROMURAL TRADE MARK BRAND

Theobromine-calcium-salicylate

Entirely harmless soporific and nerve sedative.

Calcium "Diuretin" TRADE MARK BRAND

Theobromine-calcium-salicylate
Well tolerated diuretic;
cardiac and vascular remedy.

CARDIAZOL TRADE MARK BRAND

Leptazol

Centrally attacking analeptic and general stimulant, especially of circulation and respiration.

Cardiazol Dicodid TRADE MARK BRAND

Leptazol with Dihydrocodeinone

Respiratory stimulant with antitussive effect.

"Cardiazol" Ephedrine TRADE MARK

Leptazol with Ephedrine

Antiasthmatic—circulatory tonic possessing both central and peripheral action.

DICODID TRADE MARK

Dihydrocodeinone

Powerful antitussive superior to codeine

DILAUDID TRADE MARK

Dihydromorphinone

Improved morphine preparation, particularly indicated in states of severe pain.

Iod Calcium "Diuretin" TRADE MARK BRAND

Iodo-theobromine-calcium-salicylate

For the treatment of senile disorders cardiac and circulatory insufficiency, arteriosclerosis with hypertension.

Rhodan Calcium "Diuretin" TRADE MARK BRAND

Rhodane-theobromine-calcium-salicylate
For the treatment of hypertension.

STYPTOL TRADE MARK BRAND

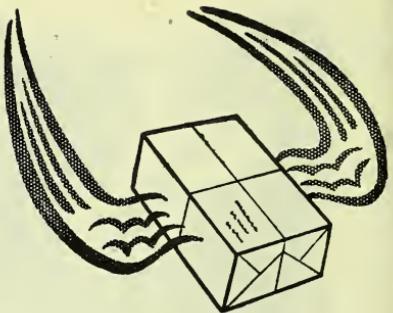
Cotarnine phthalate

An internal urogenital haemostatic and sedative.

DISTRIBUTED BY
Savory & Moore Ltd.

Chemists to The King

Lawrence Road, Tottenham, N.15



OXOID laboratory

preparations are despatched
with unfailing promptness,
and reach you with gratifying
speed.

This is a service you
can rely on; every order is
an emergency order.

Write, telephone
or wire your
instructions.

OXO LIMITED

MEDICAL DEPARTMENT

THAMES HOUSE, QUEEN ST. PLACE,
LONDON, E.C.4

TELEPHONE CENTRAL 5761



The CHEMIST AND DRUGGIST

For RETAILER—WHOLESALE—MANUFACTURER
Published weekly at 28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "CHEMICUS, ESTRAND LONDON."

Telephone: CENTRAL 6565 (10 lines)

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NEWS OF THE WEEK

Penicillin Research Fellowships.—Lord Rutherford has given £50,000 to Lincoln College, Oxford, to found three penicillin research fellowships to commemorate the work on the properties of penicillin in the William Dunn School of Pathology.

Exports in November.—The total exports of chemicals, drugs, dyes and allied products during November amounted to £4,409,659, compared with £5,935,807 a year ago. The corresponding totals for drugs and medicines were £1,211,299 and £1,184,723, respectively.

U.S. Isotopes Supply.—The U.S. Atomic Energy Commission announce that more than 100 stable isotopes of twenty-nine elements are available for distribution to research laboratories in the United States. As the supply is limited, and the cost high, the isotopes are to be supplied only on a loan basis. They will be used in medical, biological, agricultural and other research work.

Chemists' Insurance.—The twenty-third annual report of the directors of the Chemists' Mutual Insurance Co., Ltd.,

presented at the annual meeting held recently, announced a record increase in premium income (25 per cent. higher than the total premiums of the previous year). The amount paid under fire and employer's liability insurances was comparatively small, but burglary claims were exceptionally high (amount paid more than twice that for previous year). The directors of the company appealed to members to assist by adopting protective measures against burglary and by removing from shop windows at night any valuable articles displayed.

National Insurance Regulations.—The National Insurance Advisory Committee, which has been asked to report on the preliminary drafts of regulations to be made under the National Insurance Act, 1946, will consider written objections made by or on behalf of persons affected sent to the secretary of the Committee, 6 Curzon Street, London, W.1, before January 9, 1948. The regulation, copies of which may be obtained from H.M. Stationery Office, (prices in parentheses) are as follows:—The National Insurance (Claims and Pay-

ments) Regulations, 1948 (threepence), the National Insurance (Maternity Benefit) Regulations, 1948 (one penny), and the National Insurance (Local Advisory Committees) Regulations, 1948 (one penny).

Control of Toilet Preparations. — The manufacture under control of toilet preparations is to continue until June 1948, when the position will again be reviewed, states the Board of Trade. The date of validity of licences at present held by manufacturers is being extended and their value increased by an amount equivalent to the normal quota for the period ending June 30, 1948. The rate of licensing remains at 75 per cent. of the standard period production and the export bonus scheme continues unchanged. Manufacturers who were unable to supply their full quota in period ended December 31, 1947, are permitted to carry forward their licences to the new period without special application. The date of all licences, including normal quota and export bonus licences, but with the exception of a few special licences, is automatically extended.

Doctors and the N.H.S. — The Minister of Health has issued a reply to the statement on the National Health Service recently presented to him by the negotiating committee of the medical profession (see *C. & D.*, December 13, p. 703). Copies of the statement and reply are being circulated to doctors, who will, in due course, determine by a plebiscite and meeting the attitude of the profession. The Minister has agreed that doctors should be free to join or not to join the service, and that existing doctors may join where their present practices lie. He reserves the right to decide where additional or replacement participants are needed in the service, though the decision will not affect private practice. The Minister proposes for general practitioners a fixed annual payment of £300, plus a capitation fee varying from 15s. 2d. to 18s. (according to the percentage of the population that takes part in the service), with additional payments for mileage, obstetric practice, etc. He agrees that Executive Councils shall elect their own chairmen when the present chairmen complete their terms of office, and that professional people participating in a health centre shall be free to practise in their own way, with a proper voice in the internal arrangements of the centre. Building limitations, says the Minister, will delay the development of the health centre idea.

LOCAL NEWS

Liverpool Supper. — Some sixty members and friends attended a supper at a social organised recently by the Liverpool Chemists' Association. A conjuring performance was given by Mr. A. Mitchell.

Newcastle Atomic Energy Lecture. — The Newcastle and Northumberland Branch of the Pharmaceutical Society recently held a joint meeting with the British Association of Chemists at which a lecture on atomic energy was given by Professor Riley.

Derby Officers. — At the annual meeting of the Derby Branch of the Pharmaceutical Society on December 3, the following officers were elected: *Chairman*, Mr. Orrell; *Vice-chairman*, Mr. R. S. Crozie; *Secretary*, Mr. H. E. Chamberlain, 1, Vicarage Avenue, Derby; *Treasurer*, M. C. Daykin Turner; *Auditor*, Mr. W. C. Roberts.

Chemists and Baby Foods. — Speaking at a meeting of Walsall Executive Council recently, Mr. R. J. B. Shelley, M.P., urged that, for the convenience of the public, baby foods and maternity outfit should be distributed through chemists' shops as well as through welfare centres. The suggestion is to be forwarded to the Minister of Health.

Hounslow Tax Protest. — A lecture entitled "Chemistry in the Service Man" was given to Hounslow Branch of the Pharmaceutical Society on December 11 by Dr. W. Bradley (The British Drug Houses, Ltd.). After the lecture a discussion on purchase tax took place and it was decided to send to the local Member of Parliament a letter protesting against the imposition of purchase tax on any medicin

Visit to Westminster Hospital. — A party from the West Ham Association of Pharmacists visited Westminster Hospital on December 11 to inspect the dispensary and the penicillin and aseptic preparation rooms. Members were particularly impressed, writes Mr. W. H. Cloud (secretary), with the spaciousness of the dispensary and the convenience of the fitting. They noted several devices, such as a tray for counting tablets, which might prove valuable to retail chemists planning to meet the expected increase in dispensing under the National Health Service.

Dundee Discussion on Charter. — A meeting of the Dundee and East and Central Scottish Branch of the Pharmaceutical

society was held in Dundee on November 27 to discuss the report on the revision of the Society's Charter presented at the Branch Representatives' meeting at Torquay (see *C. & D.*, October 4, p. 416). Members thought the object of the Society should be "to protect and promote the interests of the pharmaceutical profession and to establish a code of conduct for its members." The formation of special groups of members having distinctive professional interests was considered undesirable, and it was agreed that amendments to the constitution should be made only after sufficient notice had been given to branches of the Society. Mr. John Anderson was disappointed that no suggestions had been made about the position of the North British Branch. Mr. A. R. Lowson was in the chair.

Confidence in the Future. — For the benefit of members in South Yorkshire, a meeting of the Leeds Branch of the Pharmaceutical Society was held in Wakefield on November 27. Alderman W. J. Tristam (a member of the Society's Council) described his recent visit to an international pharmacy conference in Zurich. He had been surprised, he said, to find that the numeration of Swiss chemists, under a national service, was little, if any, better than that of British chemists. Swiss chemists fully maintained the commercial side of their establishments and he saw no reason why the British retail chemist, under the National Health Service, should not do the same. For the first time pharmacists had been given an adequate voice in administration. In ten years, he thought, real progress would have been made in establishing pharmacy departments in health centres, and he was confident that the chemists' shop, for which the public had great liking, would remain a permanent feature of the service. The next few years would provide chemists with an opportunity to show they could provide complete service.

IRISH NEWS

Mayo Annual Meeting. — The annual meeting of the Mayo Pharmaceutical Association, held at Castlebar on December 4, was presided over by the late Mr. Austin Malley. The following officers were elected: *President*, Mr. G. Golden, P.S.I., Westport; *Treasurer*, Mr. N. A. Kane, Ballina (a member of the Council of the Pharmaceutical Society of Ireland); *Secretary*, Mr. C. M. Ward, M.P.S.I., Crossmolina.

Dublin Conferring Ceremony. — At a ceremony held in the Council Chamber of the Pharmaceutical Society of Ireland on December 9, some twenty-one women and thirty-two men were presented with their licences as new pharmacists by the president of the Society (Mr. P. A. Brady). Academic gowns were worn by all taking part in the ceremony. The Society's gold medal for the year was awarded to Miss Niamh Kennedy, Curry, co. Sligo, and the Society's silver medal to Miss Sarah Grace MacMahon. The president, addressing the new licentiates, said that no profession, except perhaps the surgical side of medicine, placed upon its graduates such a vital responsibility as that of the pharmacist. To discharge the responsibility fully and properly it would be the duty of the new licentiates to keep abreast of all advances, particularly those in the posology of modern chemotherapy, making necessary constant reference to professional journals and to scientific literature. When all the licentiates had received their certificates, the president urged them to show an interest in their Society by becoming members. The new licentiates included a young married couple, Mr. and Mrs. Liam O'Mahony, Dublin, who received an ovation.

OVERSEAS NEWS

Courses for Ex-Servicemen. — The training of ex-Service volunteers as chemists and druggists under a scheme organised by the South African Pharmacy Board is now approaching its final stages. Courses for thirty-nine students are in progress in Johannesburg and Cape Town, and twenty-three ex-volunteers have entered for the first three examinations. Forty-one are already registered as chemists and druggists. Within the next year another fifty-four ex-volunteers become eligible for registration.

Medical Research in U.S.A. — The U.S. President's Scientific Research Board, in a final report published recently, recommends that expenditure for medical and allied research in the U.S.A. should be at least tripled by 1957 to a total of not less than \$300 million. Most of the increased cost should be met by public funds. At present about \$110 million is being spent annually on medical research, of which the Federal Government contributes \$28 million, the pharmaceutical and surgical industry about \$50 million, and private foundations about \$25 million.

COMPANY NEWS

BRITISH CHEMICALS & BIOLOGICALS, LTD.—The company's offer of preference shares (see *C. & D.*, December 20, p. 742) was fully applied for. Applications from the general public for up to 1,500 shares were allotted in full. Shareholders and employees received preferential consideration.

SAVORY & MOORE, LTD.—Net profit for year ended March 31, after providing for taxation, is £38,067, against £32,768 in 1945-46. £23,000 goes to general reserve account compared with £5,000 in the previous year. Preference dividends account for £17,482, against £15,892 in 1945-46. There is no ordinary dividend. £49,692 is to be carried forward, compared with £34,199.

GLAXO LABORATORIES, LTD.—Net profit for year ended September 30 is £1,146,000. After providing for taxation the amount available for distribution amounts to £459,000, including £66,000 brought in. Obsolescence account is to receive £200,000 and general reserve £100,000. Dividend on ordinary stock is 80 per cent. £124,000 is to be carried forward. The company was made public in January (see *C. & D.*, January 11, p. 38) and, owing to the incorporation of the assets of Joseph Nathan & Co., Ltd., comparisons are not possible.

BUSINESS CHANGES

MR. MAURICE A. GUERNIER, M.P.S., has recently opened a pharmacy at 26 Marmion Road, Southsea.

WIGAN AND DISTRICT EQUITABLE CO-OPERATIVE SOCIETY, LTD., have recently opened a pharmacy department in their Standishgate, Wigan, premises.

DR. M. A. PHILLIPS, D.Sc., F.R.I.C., (a director of Phillips Research Corporation, Ltd.), has opened offices at 1 East 57th Street, New York, 22, N.Y.

MR. J. F. MCNEAL, M.P.S., has been appointed secretary of the National Association of Opticians, to fill the vacancy caused by the death of the late Mr. L. Moreton Parry.

VITAMINS, LTD., 23 Upper Mall, Hammersmith, London, W.6, have appointed Mr. G. D. Balmaves their representative for Glasgow and West Scotland, and Mr. J. Gullen as their representative for Edinburgh and East Scotland.

IMPERIAL CHEMICAL (PHARMACEUTICALS), LTD., are opening the following new sales offices on January 1, to deal with inquiries and wholesale and hospital orders: Gloucester House, 149 Park Lane, London, W.1; Eagle House, Colston Avenue, Bristol, 1; Ship Canal House, King Street, Manchester, 2; 230 Hagley Road, Birmingham, 16; 4 Blythswood Square, Glasgow, C.2; 4 Heriot Row, Edinburgh, 3; and Imperial House, Donegall Square East, Belfast.

BIRTH

HANLEY.—Recently, Mary, the wife of William Hanley, M.P.S.I., 108 O'Conn Street, Limerick, Eire, of a daughter.

DEATHS

ASHWORTH.—On December 10, Mr. William Ashworth, M.P.S., 98 Prince Road, Hartshill, Stoke-on-Trent, Staffs. Mr. Ashworth qualified in 1912.

BILLINGE.—On December 6, Mrs. Edith Billinge, wife of Mr. J. P. Billinge, 7 Sion Street, Devizes, Wilts.

COX.—On December 9, Mr. Ernest Arthur Cox, M.P.S., 13 Southington, Ovington, Hants, formerly of Whitchurch, aged seventy-six.

HARRISON.—On December 18, Mr. Harriet Peale Harrison, Faygate, Adel Lane, Leeds, aged forty-nine. Mr. Harrison was a director of Alf. Harrison & Sons, Ltd., chemists and printers, Leeds. He was an officer in the Royal Flying Corps in the 1914-18 war and an officer in the Observer Corps during the 1939-45 war, and was also an instructor in the Air Training Corps. He was a Past Master of St. James Union Lodge of Freemasons, London, and one of the founders of the Adel Lodge, Leeds.

PARKINSON.—On November 19, Mr. Henry James Parkinson, M.P.S., 13 Harrington Road, St. Margarets, Twickenham, Middlesex. Mr. Parkinson qualified in 1900.

PERSONALITIES

DR. F. E. KING, M.A., Ph.D., D.Sc. (Oxford). has been appointed to the Sir Jesse Boot Chair of chemistry at University College, Nottingham.

MR. K. ROSS SERGEANT, M.P.S., 1 Cheapside, Nottingham, was the successful candidate in a municipal by-election held recently in Nottingham.

MISS N. KENNEDY, L.P.S.I., who has been awarded the gold medal of the Pharmaceutical Society of Ireland for work during her recent qualifying course (see p. 771) served her apprenticeship with her uncle Mr. Luke Colieran, Ph.C., Charlestown, Co. Mayo. She was later on the staff of Mr. Lawrence Pelly's pharmacy at Cabra West, Dublin, and subsequently with her brother-in-law, Mr. G. M. Keogh, M.P.S.I., Charlemont Street, Dublin. She is at present employed with Mr. James J. Keogh, Castlebar.

TOPICAL REFLECTIONS

Workmen's Compensation

The National Insurance (Industrial Injuries) Act, 1946, introduces changes into the law relating to workmen's compensation; the most important of these changes is indicated in your editorial article on 755. At first sight the alteration in the conception of the subject appears slight and her subtle. It may be attributed to a movement in what is often called the mate of opinion, resulting in a different approach to the question of industrial injuries and liability for them. In this, as in other matters involving parliamentary action, legislation may be said to move in precedent to precedent, without taking any considerable link with the st. The changes now in force in the law workmen's compensation demand the attention of most of your readers; for you will find out that "in general the benefit of

Act applies to every kind of employment in Great Britain, under any contract of service or apprenticeship, written or oral, expressed or implied." Again, it is shown that the transfer of liability from the employer to the State does not entirely relieve the employer from the need for protection by insurance; and the employer is responsible for payment of the employee's contributions as well as of his own. Your marks on the principles of workmen's compensation, and on the possibility of an employer being sued notwithstanding the transfer of some responsibilities to the state, will be read with attention.

Boerhaave

The article of "Adest" (p. 762) introduces a subject little known to British readers. Even if the international reputation of Boerhaave in his lifetime had been outstanding, there was a special reason why he should be esteemed in England. During a considerable part of his career we find a King of Dutch birth, whose preference for Holland was widely believed to be changeable. William the Third's recurring visits to his native land strengthened ties between the two countries; consequently there was much travel across the North Sea and a readiness to share ideas. The Aphorisms of Boerhaave were translated into English (for the first time, I believe) in 1715. The translator was J. Delaté, M.D., who in his preface apologised for any deficiency in idiom that might be noticed: "If the Language is not of the

purest, I hope that may be forgiven to a Stranger, who but eleven Years ago did not understand one word of English." The Aphorisms comprise 1,495 paragraphs, classified under names of diseases; there are a few interpolations by the translator. The book is dedicated to Sir Hans Sloane and John George Steygerthal (or Steighertahl), both Fellows of the Royal Society and of the Royal College of Physicians of London. Boerhaave appears to have given no reason for preferring Greek and Latin medical authors to those of later centuries. A prescriber would, of course, limit his *materia medica* severely if he carried his preference to extremes.

The 1948 Diary

During the past few days a copy of THE CHEMIST AND DRUGGIST Diary and Year Book has arrived. This welcome event reminds me of the benefit derived in past years from the information found in these useful books: some of the facts could not have been obtained elsewhere without a good deal of trouble and expense. It is not unusual for me to go back to old C. & D. Diaries when wanting to refresh my memory on certain subjects. In giving a general account of the contents of the new volume in your issue of December 13 you mentioned that your allocation of paper is still strictly limited, and that consequently spare copies are not available. This limitation is one more instance of the austerity that must be expected to continue for an indefinite time. Writing to a friend in 1920, the late Viscount Esher remarked ("Journals and Letters," iv.269): "If you look back you will see that it took over twenty years after the Napoleonic wars before the normal prices were reached." And now we have had a second world war. The point of my quotation is that it is all the more remarkable to find a C. & D. Diary so like those of long-past years. Your analysis of the judgment of the Court of Appeal in the Pharmacy and Medicines Act case brought last year is an example. The sections devoted to poisons regulations in the United Kingdom and in Eire are as explicit as usual, and one is glad to have them at hand. Another excellent feature is the selection headed "Units and Definitions"; many busy people would be "floored" if asked to define some of these terms impromptu. Long may the series continue to extend.

Xrayser

TRADE NOTES

Now Packed in Bulk Tins. — Merz & Co., Ltd., state that, as present day supplies of tin do not permit individual containers for Merzols throat pastilles, they have introduced a 7 lb. bulk pack.

Again Available. — Coates & Cooper, Ltd., Northwood, Middlesex, announce that Salvitae is again available in Britain in two sizes. Pharmacists may obtain supplies through the usual wholesalers.

Showcase from Stock. — Potters (London), Ltd., 97 St. John Street, Clerkenwell, London E.C.1, direct attention to their SC 102 polished mahogany tall-boy centre showcase (details from the company). The showcase is available from stock.

Fire Causes Delay. — J. W. Pindar & Co., machinery manufacturers, Drakefell Road, Brockley, London, S.E. 4, state that, owing to a severe fire at their premises, orders are unavoidably delayed. Standing orders in writing have been destroyed, and the firm would appreciate a new copy of any order placed on or before December 11.

Showstand Sales Aid. — Southon Laboratories, Ltd., 88 Upper Richmond Road, London, S.W.15, draw attention to



an attractive showstand for window display, and to pocket calendars for counter distribution, which are available. Labels giving the new price of the product will also be forwarded on request.

Display Prizewinners. — In a window display competition arranged by the Crookes Laboratories, Ltd., in the Nottingham area, the successful entrants were: *First* (£40), Miss M. A. Burr, Derby Road; *Second* (£20), Mr. J. Taylor, Bannerman Road; *Third* (£10), Miss G. Cowley, Alfreton Road; *Consolation* (£2 each), Mr.

W. O. Ayres, 306 Broxtowe Lane; and Stanley (Bulwell), Ltd., Main Street, Bulwell. In a similar competition in Birmingham, the prizewinners were: *First* (£40), Mr. C. V. Thompson, Sparkbrook; *Second* (£20), Mr. F. A. Billington, Oldbury *Third* (£10), A. W. Beresford, Ltd., Nechells Green; *Consolation*, Mr. W. N. Gray, Halesowen; and Scrivens, Ltd., Pye Hayes.

A PHARMACIST'S ANTHOLOGY

"AH! bless my life! what's this?" cried Hodges, running his hand down the left side of the porter, and meeting with a large lump. "Can it be a carbuncle?"

"Yes, it's a terrible carbuncle," replied Blaize; "but don't cauterize it, doctor."

"Let me look at it," cried Hodges, "and I shall then know how to proceed."

And as he spoke, he tore open the porter's shirt, and a silver ball, about as large as a pigeon's egg, fell to the ground. Leonard picked it up and found it so hot that he could scarcely hold it.

"Here is the terrible carbuncle," he cried, with a laugh, in which all the party except Blaize, joined.

"It's my pomander-box," said the latter. "I filled it with a mixture of citron-peel, angelica-seed, zedoary, yellow saunders aloes, benzoin, camphor, and gum-traga canth, moistened with spirit of roses, and after placing it on the chafing-dish to heat it, hung it by a string round my neck, next my dried toad. I suppose, by some means or other, it dropped through my doublet and found its way to my side. I felt a dreadful burning there, and that made me fancy I was attacked by the plague."

"A very satisfactory solution of the mystery," replied the doctor, laughing. "and you may think yourself well off with the blister which your box has raised. It will be easier to bear than the cataplasm I should have given you had your apprehensions been well founded. As yet, you are free from infection, young man; but if you persist in this silly and pernicious practice of quacking yourself, you will infallibly bring on some fatal disorder—perhaps the plague itself. If your mother has any regard for you, she will put all your medicines out of your reach."

(From "Old St. Paul's," by W. H. Ainsworth.)

PROPRIETARY ARTICLES TRADE ASSOCIATION

Alterations to Protected List (Part 1).—*Mejenel*,

(Agents for distribution, *Thos. Christy & Co.*), *Mejenel* ready-made poultice, No. 2 size, 4d. doz., tax 33½ per cent., i.r.p. 3s. 3d.; No. 3 4s. 2d. tax 33½ per cent., i.r.p. 6s. 5d. No. 3 8s. 1d. doz., tax 33½ per cent., i.r.p. 6d. One dozen of either size invoiced as 11½ in return for display. Large display parcel containing 3½ doz. No. 2 size and one doz. No. 3 *Mejenel* ready-made poultice, discontinued.

H. Smith, Ltd., Glycodeine, 2-oz., 13s. tax 33½ per cent., i.r.p. 2s.; 4-oz., 25s. 6d. tax 33½ per cent., i.r.p. 3s. gd.; Glyferro, 12s. doz., tax 33½ per cent., i.r.p. 1s. 10d.; 2s. 20s. doz., tax 33½ per cent., i.r.p. 3s.; Glysta, 2-oz., 12s. doz., tax 33½ per cent., i.r.p. 10d.; 4-oz., 18s. 9d. doz., tax 33½ per cent., i.r.p. 2s. 9d.; elixir Sibec, 2-oz., 15s. 4d. doz., tax per cent., i.r.p. 2s. 4d.; 4-oz., 26s. doz., tax 33½ cent., i.r.p. 3s. 9d.

John Steedman & Co. (Great Britain):—*Steedman's* powders, 24s. 6d. doz., tax 33½ per cent., 3s. 6d.; broken bulk, 98s. doz., tax 33½ per cent., i.r.p. 14s.; loose powders, two for 3½d.; *Leconer's* worm powders, 8s. 6d. doz., tax 33½ cent., i.r.p. 1s. 3d. (Northern Ireland):—*Steedman's* powders, 29s. doz., tax 33½ per cent., 3s. 6d.; broken bulk, 116s. doz., tax 33½ per cent., 16s.; loose powders, two for 3½d.

J. R. Warner & Co., Ltd., Agarol compound, 2s. 27s. doz., tax 33½ per cent., i.r.p. 3s. 9d.; 54s. doz., tax 33½ per cent., i.r.p. 7s. 6d. *Zane* compound, 4-oz., 32s. 6d. doz., tax 33½ cent., i.r.p. 4s. 6d.; *Anusol* suppositories, 12s. 6d. doz., tax 33½ per cent., i.r.p. 4s. 6d.; *sol ointment*, 32s. 6d. doz., tax 33½ per cent., 4s. 6d.; *Cal-Bis-Nate* powder, 1½-oz., 16s. 3d. doz., tax 33½ per cent., i.r.p. 2s. 3d.; 4-oz., 28s. 6d. doz., tax 33½ per cent., i.r.p. 4s.; *Veganin* tablets, 9s. 6d. doz., tax 33½ per cent., i.r.p. 1s. 4d.; 16s. 3d. doz., tax 33½ per cent., i.r.p. 2s. 3d.; *Acolate* tablets, 50's, 28s. 6d. doz., tax 33½ per cent., i.r.p. 4s.; 100's, 48s. 6d. doz., tax 33½ per cent., i.r.p. 6s. 9d.

Alterations to List (Part 2).—*Culmak, Ltd.*, on shaving-brush, 75s. doz., tax 50 per cent., 1s. 12s. 6d.

Emill & Co., Eau de Cologne, No. 1a, 12s. tax 125 per cent., i.r.p. 2s. 9d.; lavender water, 12s. doz., tax 125 per cent., i.r.p. 2s. 9d.; No. perfume, ½-oz., 14s. 6d. doz., tax 125 per cent., 3s. 4d.; ½-oz. (boxed), 17s. doz., tax 125 per cent., i.r.p. 3s. 11d.

J. Reuter Co., Ltd., 4711 preparations, No. 1, cleansing cream, liquefying, 21s. doz., tax 125 cent., i.r.p. 4s. 8d.; No. 3106, concentrated peres, Shahi, 168s. doz., tax 125 per cent., i.r.p. 1s.; No. 4045/14, Portugal hair-tonic without oil, doz., tax 125 per cent., i.r.p. 9s. 5d.

Alterations to List (Part 2).—*John Bond (London), Ltd.*, Bond's (John) Crystal Palace marking, 54s. gross, tax 50 per cent., i.r.p. 9d. *Country Perfumery Co., Ltd.*, Brylcreem, A.476, 9s. 4d. doz., tax 125 per cent., i.r.p. 2s. 2½d.; 29, jar, 9s. 4d. doz., tax 125 per cent., i.r.p. 2½d.

Crystal Products Co., Ltd., Outdoor Girl products, face-powder, 4s. 7d. doz., tax 125 per cent.,

i.r.p. 1s. 1d.; lipstick, 6s. 2d. doz., tax 125 per cent., i.r.p. 1s. 5d.; four-purpose cream, 6s. 2d. doz., tax 125 per cent., i.r.p. 1s. 5d.; vanishing cream, 6s. 2d. doz., tax 125 per cent., i.r.p. 1s. 5d.

Foaminol Laboratories, Ltd., Foaminol liquid shampoo, 20s. doz., tax 50 per cent., i.r.p. 3s. 4d. *Gala of London, Ltd.*, Gala powder, conditioning cream, facial cream, foundation cream, day rouge, film, tonic and lotion, 28s. doz., tax 125 per cent., i.r.p. 6s. 6d.; junior sizes, creams, film, tonic and lotion, 16s. 6d. doz., tax 125 per cent., i.r.p. 3s. 9d.; Gala gleam, junior size, 19s. 4d. doz., tax 125 per cent., i.r.p. 4s. 6d.

A. S. Hinds, Ltd., Hinds honey and almond cream (trial size), 5s. 6d. doz., tax 125 per cent., i.r.p. 1s. 3d.

Iglodine Co., Ltd., Iglodine shaving-soap, 11s. 3d. doz., tax 50 per cent., i.r.p. 1s. 8d.; shaving-cream, 12s. 9d. doz., tax 50 per cent., i.r.p. 2s. £2 10s. assorted orders:—Shaving-soap, 10s. 1d. doz., cream, 12s. doz.

Kemill & Co., Chinchilla perfume, 2-dr., 8s. 6d. doz., tax 125 per cent., i.r.p. 2s.; blended, 2-dr., 8s. 6d. doz., tax 125 per cent., i.r.p. 2s.; Kemwave setting-lotion, 2-oz., 8s. 6d. doz., tax 125 per cent., i.r.p. 2s.

Macleans, Ltd., Macleans solid dentifrice, 5s. 6d. doz., tax 50 per cent., i.r.p. 1d.; peroxide toothpaste, 9s. 8d. doz., tax 50 per cent., i.r.p. 1s. 6d.; shaving-cream, 11s. 6d. doz., tax 50 per cent., i.r.p. 1s. 9d.

Henry C. Miner, Ltd., Liquid make-up, 16s. 6d. doz., tax 125 per cent., i.r.p. 3s. 9d.; 6s. 2d. doz., tax 125 per cent., i.r.p. 1s. 5d.; liquid stockings, 16s. 6d. doz., tax 125 per cent., i.r.p. 3s. 9d.; 6s. 2d. doz., tax 125 per cent., i.r.p. 1s. 5d.; grease-paints, carmines and liners, 4s. 7d. doz., tax 125 per cent., i.r.p. 1s. 1d.; milk of olives, 16s. 6d. doz., tax 125 per cent., i.r.p. 3s. 9d.; *Glo*, 9s. 1d. doz., tax 125 per cent., i.r.p. 2s. 3d.; powder, 16s. 6d. doz., tax 125 per cent., i.r.p. 3s. 9d.

Chas. H. Phillips Chemical Co., Ltd., Phillips' dental magnesia, 9s. 7d. doz., tax 50 per cent., i.r.p. 6d.; 16s. 6d. doz., tax 50 per cent., i.r.p. 2s. 6d.; magnesia texture and cleansing creams, 4s. 5d. doz., tax 125 per cent., i.r.p. 1s.; 14s. doz., tax 125 per cent., i.r.p. 3s.

R. J. Reuter Co., Ltd., 4711 preparations, No. 1605, Rhinegold eau de Cologne, rectangular, 58s. 1d. doz., tax 125 per cent., i.r.p. 12s. 1d.; No. 1307, Troika eau de Cologne, 14s. 8d. doz., tax 125 per cent., i.r.p. 2s. 3d.

Tattoo products (Agents: *Fassett & Johnson, Ltd.*), Lipstick, medium, 24s. doz., tax 125 per cent., i.r.p. 5s. 6d.; mascara, large, 16s., tax 125 per cent., i.r.p. 3s. 8d.; 6s. doz., tax 125 per cent., i.r.p. 1s. 4½d.

J. B. Williams Co. (Agents: *Scott & Bowne, Ltd.*), Williams' shaving-sticks, 7s. 7½d., tax 50 per cent., i.r.p. 1s. 2d.; Esquire brushless shaving-cream, 13s. 1d. doz., tax 50 per cent., i.r.p. 2s.

Wright, Layman & Umney, Ltd., Wrights coal-tar shampoo-powders, 35s. 8d. gross, tax 50 per cent., i.r.p. 5½d.

Osborne, Bauer & Cheeseman, Ltd. (Agents: *Sangers, Ltd.*), Glymigel jelly, tubes, 7s. 1d. doz., tax 125 per cent., i.r.p. 1s. 8d.; 13s. 1d. doz., tax 125 per cent., i.r.p. 2s. 9½d.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

A MEETING of the Council of the Pharmaceutical Society of Northern Ireland was held in Belfast on December 12, Mr. John McGregor (president) in the chair. Also present were Messrs. H. H. Cowzer (vice-president), F. R. Moore, J.P., W. H. Boyd, H. F. Moore, James Irwin, H. W. Gamble, W. P. Ewart, H. P. Crossin, C. Abernethy, J. McDowell and Walter C. Tate, Professor E. B. C. Mayrs and Mr. William Gorman (secretary). Apologies were received from Messrs. P. R. W. Shinner (treasurer) and J. Glendinning.

THE PRESIDENT extended a welcome to Mr. Crossin on his first appearance since his co-option to the Council and to Mr. Irwin on his return as a druggists' representative. On the motion of MESSRS. BOYD and H. F. MOORE, Mr. John Kenneth Tizard was admitted to membership of the Society under the reciprocity agreement with the Pharmaceutical Society of Great Britain.

Belfast College Fees

The deputation which had seen the technical education subcommittee of the Belfast Education Authority on the question of the higher fees payable by country pharmacy students at the Belfast College of Technology, reported that the subcommittee considered that the onus of making financial grants to cover the extra charge lay with the Regional Education Committees, who, it was thought, would be prepared to give assistance. If such applications failed, however, the subcommittee would reconsider the question.

A letter was received from the Ministry of Home Affairs stating that an Order in Council dated October 24, 1947, approving resolutions passed by the Council and the Medical Faculty of Queen's University, Belfast, amending the Third Schedule to the Medicines, Pharmacy and Poisons Act (Northern Ireland), 1945, was now deemed to have taken effect. [S.R.O. (N.I.), 1947, No. 176, added to Part I of the Third Schedule "dihydrodesoxymorphine" and "pethidine, its salts" and to Part II "zinc phosphide." It also amended the Third Schedule as follows: "After the substance '2-thiouracil' there shall be inserted the substances 'its alkyl derivatives.'"]

The report of the Education Committee showed that their certificates of apprenticeship had been granted to Sarah M. Brannigan, Downpatrick, Muriel E. Kinney, Bel-

fast, and John G. Savage, Belfast. The report of the Board of Examiners on the December examinations stated that in the Final, Part II, forty of the forty-three entrants had presented themselves for examination; seventeen passed, two were referred in chemistry, and twenty-one failed. In the Final, Part I, forty-five entered, one of whom was absent at the examination, twelve passed, one was referred in chemistry and eight in physic and twenty-three failed. Failures were high in Part II because no one could be referred in two subjects, and in Part I a number of the twenty-three who failed were taking the examination under the old syllabus. In reply to a question THE PRESIDENT said that Part I candidates had had two chances, and as no other examination could be held under the old syllabus, the students affected would have to take the new course of study. There was no doubt that candidates had found physics their most difficult subject but he thought the Council should wait for the examiners' reports before going into the matter more fully. The question had already been raised with the Home Office and the Ministry of Education. After discussion of the examination it was decided not to disclose the marks awarded to any candidate.

The sealing of the certificates of the new licentiates was approved on the motion of MESSRS. TATE and F. R. MOORE. THE SECRETARY reported that forty members who had been on the register in 1946 had not paid their retention fees for the current year. Of these a number were in business on their own account and some had left Northern Ireland. Three warning notices had been sent out without a reply. It was decided to notify the registrar that the names of the persons concerned should be removed.

Fourth Schedule "Repeats"

The pharmacy inspector (Mr. Patterson) attended to state the view of the Ministry of Home Affairs on a question of interpretation which had been raised by the Council. In a letter to the Ministry the secretary had asked for clarification of certain paragraphs of Regulation No. 10 of the Poisons Regulations (S.R. & O. (N.I.), 1946, No. 59) made by the Minister of Home Affairs under Sections 30 and 32 of the Medicines, Pharmacy and Poisons Act

northern Ireland), 1945. In particular had inquired about the obligations of pharmacists who dispensed prescriptions substances included in the Fourth Schedule. Chemists, the latter stated, are anxious that the requirements of the regulation should be carried out but were uncertain what procedure should be followed in the case of a prescription for a Fourth Schedule poison when the prescription contained the direction "repeat" or "to be repeated." Paragraph 2 (e) of the Regulation required the prescriber to indicate the total amount of the medicine to be supplied, paragraph 4 (b) required a prescription to contain a direction that it might be dispensed a stated number of times, or at stated intervals, to be dispensed only in accordance with the direction. In the case of a prescription containing the direction "repeat" or "to be repeated" the total amount of the medicine to be supplied was indicated only if the prescription was repeated once, i.e., dispensed twice. Must a pharmacist retain such a prescription after a second quantity of medicine had been supplied? The Council realised, concluded the letter, that the function of the Ministry was administrative rather than judicial, but the Ministry's view would assist in the smooth running of the Act.

Ministry's Interpretation

The Ministry had replied that the directions contained in Article 10 of the Regulation should be followed. When a prescription was marked "repeat" or "to be repeated" without any limit being given to the prescriber, it might be dispensed any number of times. The prescription should be stamped and dated on each occasion and returned to the customer. It might be dispensed by different chemists on each occasion.

The question of the total amount of drug to be supplied referred to the amount supplied each time, said the Ministry's letter. Limiting the amount of the drug to be supplied was left to the discretion of the prescriber who had authority under the regulations to state a definite number of repeats if he so desired. The Ministry, pointing out that the same view was held by the Pharmaceutical Society of Great Britain in the administration of a similar regulation and also by the Home Office, London, quoted the following extract from a Home Office memorandum: "Whether a practitioner may properly issue a prescription upon which a drug can be obtained indefinitely is one for the practitioner himself to decide."

Council Members' Views

Opening the discussion at the Council, MR. TATE said the point turned on the meaning of the word "repeat." He did not agree with the Home Office reply; he thought the Home Office was wrong in interpreting the word as they had done. It was throwing the onus of dispensing *ad infinitum* too much on the pharmacist. MR. McDOWELL supported this view, and MR. GAMBLE said he believed a wrong interpretation had been given and that some safeguard should now be given to the chemist.

Supporting the Ministry's ruling, MR. BOYD said the onus was on the chemists only so far as common sense allowed. Repeats were useful when persons were prescribed drugs for lengthy periods, and so long as the chemist used his discretion there should be no difficulty. Replying, MR. PATTERSON dealt with the intention of the regulation, which was to put a curb on the use of some drugs which were abused. The control could not be made tight in the case of Fourth Schedule drugs and there had to be some elasticity to make it workable. It was the responsibility of the doctor to say whether or not he wanted his patient to have the drug once or twice or a number of times, and the responsibility of the dispenser was to carry out the instruction of the doctor. The Pharmaceutical Society of Great Britain had taken a common-sense view of the word "repeat," which made for ease of administration. The chemist was safe if he interpreted the regulation in the same way as the Ministry. Mr. Patterson added that he thought it would be more awkward both for chemists and the public if any change were made, but it was open to the Council to make representations to the Ministry and to the Medical Faculty for a change.

PROFESSOR MAYRS said he thought the point concerned the doctor more than the chemist. It was for the doctor to say "repeat indefinitely" or so many times; if he did that the responsibility rested with him. MR. McDOWELL said chemists would be satisfied if such a course were followed, but many doctors did not do so. THE PRESIDENT commented that the chemist's best safeguard for himself and other chemists was to pay particular attention to the date of the prescription. Under the new health services scheme the matter would solve itself. In reply to Mr. Crosson, MR. PATTERSON said that if chemists could retain prescriptions without annoyance to the customer they should do so. The matter was adjourned for further consideration at a subsequent meeting.

THIRTY-TWO YEARS OF N.H.I. IN SCOTLAND

By A. B. Gilmour, M.P.S.

DURING the thirty-two years in which I was Superintendent of the Central Checking Bureau and Clerk to the National Health Insurance Drug Accounts Committee (Scotland), more than 100 million prescription forms had to be scrutinised and priced.



Mr. A. B. Gilmour

In the original National Health Insurance scheme, chemists priced their own prescriptions and rendered their own accounts. In the light of experience, some form of check was found essential, and the then Scottish Insurance Commissioners (afterwards the Scottish Board of Health, and now the Department of Health) decided that a Central Checking Bureau should be set up to deal with all prescriptions issued in the fifty-six (now fifty-four) Insurance Committee areas in Scotland. It soon became apparent that checking the price of each individual item would take as long as the actual pricing, so it was agreed (with suitable safeguards for chemists' interests) that the Bureau should do all the calculations. "Central Checking Bureau" is thus really a misnomer. Every chemist receives a monthly statement of account, bearing a distinguishing number and marked with the amount allowed for each individual form, so that he can, if he wishes, check and challenge the amount allowed for any prescription.

An early dispute whether Insurance Committees or the Commissioners should bear the cost of the Bureau was settled by the Court of Session, which established the responsibility of the Committees. The legal action involved caused considerable delay, and the Bureau did not start operations until April 26, 1915, instead of in January as had been intended. In the interval, arrears amounting to one million prescriptions had accumulated. My problem as Superintendent was to get the machine working as quickly and as smoothly as possible. I gave much careful consideration to selecting and training a staff, procuring the necessary equipment,

adapting the premises to suit the needs of the office, and eliminating all unnecessary movement of the prescriptions. Supervision and the delegation of duties were based on that clear statement of the principle of deputation contained in the 18th chapter of Exodus, in which Jethro gives advice to Moses, his son-in-law; the passage occupies only fifteen verses, yet is the basis of all systems of business management.

Eleven different wholesale price lists were found to have been adopted by the various Insurance Committees. One had adopted no list; another, with nine chemists, had adopted three; a third with twenty-five chemist contractors, ten; while one wholesale and retail firm had adopted its own list. Some chemists were on more than one panel and were paid different prices for the same prescription. It actually happened that three chemists in the same street in a county town were entitled to different prices for a script, although the prescriptions were written by the same practitioner and paid for by the same Insurance Committee. So small a variation as a halfpenny per prescription form represented £4,000 per annum (it now represents almost double that amount). Finally in 1916, it was agreed to adopt a typical wholesale price list as the standard or cost for the whole of Scotland.

Illegibility

When I recall the many parcels which arrived with the prescription forms crushed the pencil markings rubbed, the date patient's name and address, prescriber and prescriber's signature alike almost illegible, I feel like the negro preacher who began his sermon by saying: "My dear brudders and sisters, I am about to unfold to you the mysteries of this world; I am about to solve the unsolvable, explain the unexplainable, and unscrew the unscrutable." Allowing for the inconvenient conditions under which many prescriptions are written, and the handicap of bad pens and pencils, inferior paper and post-wait strain, I am convinced that if our legislators spent a day at a pricing bureau we would soon have an Act of Parliament similar to a decree in force in Norway where, I understand, illegible writing is a punishable offence. A feeling of guilt is not unknown among medical practitioners, and one who was taken to task recently explained that he had bought a new pencil

and was, he promised, endeavouring to cite more plainly in the future. It is the duty of the Bureau to carry out a close and continuous scrutiny of all prescriptions to reveal any apparent extravagances in either quantity or character. Much of the laxity and inexperience that was a feature of the service in the early years has disappeared. Many people state truly that an N.H.I. patient can get anything the doctor cares to prescribe. This new is, of course, wrong, but expense in itself is no barrier to the provision of proper and sufficient "medicine." A panel practitioner is required

to order such drugs and prescribed appliances as are requisite for adequate treatment, and numerous examples of prescriptions for costly medicines have been recorded in the annual reports of the Drug Accounts Committee (Scotland). For example, prescriptions were issued to one insured person between 1925 and 1941 for a total of 1,409½ lb. of an ointment containing boric acid; it cost £168. 0/0 prescriptions for Eucortone were issued, at a cost of £1,249 13s. 4d., to another insured person between 1937 and 1947.

Unusual Prescriptions

Reviewing prescriptions over many years enables unusual features to be observed, of which the following, some with my comments added, are a few. They should not be taken as representative.

(1) 2 lb. treacle.
 (2) 2 lb. oatmeal, to be used as a poultice. (If oatmeal were to be allowed, why not a loaf of bread to make a bread poultice, and what about the necessary B.U.s in these days of rationing?)
 (3) 2 lb. ice. (It was ingeniously but unsuccessfully contended that, as distilled water was in the British Pharmacopoeia and ice was frozen water, it was therefore medicine).

(4) 1 oz. chlorodyne sweets and 1 oz. glycerin and lemon gums. (Confectionery rather than medicaments).

(5) 1 lb. Pistany mud from Czechoslovakia (cost 4s. 1d.).

(6) ½ oz. oil of cinnamon, to be applied to warts twice daily (cost 6s. 0½d.).

(7) 56 lb. Epsom salts. (At a time when Epsom salts were being exploited for baths

and when many chemists were making a window display of 7 lb. for 1s., while approved societies were discussing Spa treatment as an additional benefit, this patient was getting, at his own home, medicinal baths of doubtful therapeutic value).

(8) A bottle of orange crush or other non-gaseous orange drink. (A 2s. bottle of orange squash was supplied).

(9) One prescription for 3 gall. and six prescriptions for

4 gall. distilled water—a total of 27 gall.

(10) Whisky. (In one inquiry, the practitioner stated that he wished a patient who was too poor to pay for it to have whisky. Another patient complained he could not get a prescription for whisky although both his medical and his spiritual advisers said he should have it).

(11) Several prescriptions for 100 1-gr. thyroxin tablets. (Inquiries revealed that thyroid tablets were intended and dispensed; each prescription was accordingly priced at 3s. 3d. instead of £29 13s. 0d. When a prescription is not dispensed as written, it should be amended by the practitioner before it is sent for pricing).

(12) 2 oz. calcium lactate and 4 oz. marmalade.

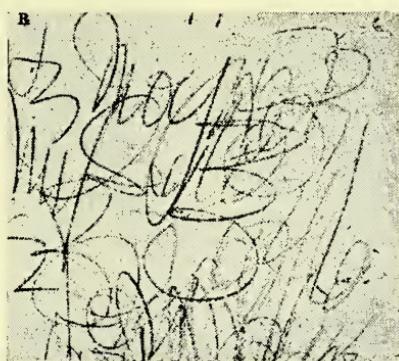
Placebos

The following are examples of preparations ordered without much obvious medicinal value:—

(1) Four doz. pills of bread crumbs.

(2) ½ oz. distilled water, with the directions, "The Eye Drops. Two drops three times a day with great care." (It was considered that either the active medicinal ingredient had inadvertently been omitted or the item was merely a placebo. It was ascertained that the patient had complained of eye trouble which, in the doctor's opinion, did not exist; after using the drops once, the eye trouble disappeared).

(3) A prescription for 1 oz. aqua pura,



Doodles? No, a prescription for liq. morph.
hydrochlor. and inf. gent. co.

with the directions "One drop, no more, in a glass of water at night." The doctor, when approached, recorded his "delight in the fact that my locum has, in one fell swoop, done more with one ounce of water than I have with dear knows how many mixtures of bismuth, soda and rhubarb, etc. The patient concerned is an out-and-out neurotic. Since this prescription was issued I have not seen him—I presume that either he is cured or else he has changed his doctor."

(4) One patient received, in one month, five prescriptions for syrup of orange (Cost at that time 15s. 5d.). The doctor stated that he wished the patient to have nice flavoured drinks.

Medicine and Miracles

The examples I have given show that nature does not always need the assistance of art, and that the required treatment is often psychological rather than medicinal; miracles are still wrought by faith. A medical student, observing that one of his professors had a great habit of ordering a carbonate of ammonia and senega mixture, asked the professor under what circumstances he prescribed it. The professor said he gave the mixture when he did not know what was the matter; when there was nothing the matter, and when it did not matter.

*Tinct et amonit 3*ij*
Teg Fowler ad 3*vi**

*Sy 3*ii* ex ag tr dyp.*

The prescriber intended to order two drachms of Fowler's solution with water to six fl. oz.

Here are some examples of extravagance in prescribing:—

(1) 4 oz. tincture of iodine, two drops to be taken three times a day in water (Sufficient for 300 days).

(2) 600 aspirin tablets, four tablets to be taken three times a day (Sufficient for fifty days).

(3) 1 gall. liquid paraffin, a tablespoonful to be taken night and morning.

(4) A prescription for liq. strych. hyd. 3*ii*; syr. aurantss ad 3*viii*. (The active in-

gredient cost one penny; the flavouring and sweetening agent 2s. 8d.).

(5) A bromide and phenobarbitone mixture, total cost 6s. 7*½*d., of which 4s. was for the flavouring and sweetening agent.

*Ag. Purum. 3*ij*
Sig. One drachm
no more in a
glass of water.
at night.*

Either the patient was cured or he changed his doctor

Unnecessary expense was also entailed in the following examples:—

(1) A prescription for 3 fl. oz. each of Easton's syrup and water. In Scotland, water is interpreted as distilled water, and thus the prescription involved an avoidable charge in respect of the water.

(2) On one form, a practitioner wrote two prescriptions, one for liquid extract of cascara, 3*ii*, and the other for glycerin, 3*ii* a teaspoonful of each as directed. The method involved two dispensing fees.

(3) A prescription for twenty-four 5-gr. aspirin powders, with the directions—two powders night and morning. If twelve 10-grain powders had been prescribed, the patient would have received exactly the same quantity of the medicament. Why should he have to unwrap two packets night and morning when one would do, and why should the drug fund have to pay for the increased dispensing fee?

Paradoxical

It has always struck me as paradoxical that it should ever have been thought necessary or desirable to insert in the terms of service for chemists under the National Health Insurance Scheme the following Regulation:—

"A chemist shall not give promise or offer to any person any gift or reward (whether by way of a share of or dividend on the profits of the business or by way of discount or rebate or

otherwise) as an inducement to or in consideration of his presenting an order for drugs or appliances, on a prescription form provided by the Committee."

I have a handbill which was distributed from door to door in an industrial area. It states:—

"Remember—I am specially licensed and registered, also fully qualified with my registered assistants to dispense panel medicine! Every customer having a Panel National Health Insurance prescription dispensed, will be presented with one 4d. genuine cake green wrapper with gold band Palmolive soap."

The matter was taken up and the Insurance Committee fined the chemist £2 2s.

systems of Payment

Under the economy cut in 1931, the treasury desired to have an annual contribution of £10,000 from the panel chemists in Scotland and a proportionate amount from the chemists of Northern Ireland. It was estimated that a monthly deduction of 3 per cent. from each chemist's account would yield the desired amount. The "cut" took effect from October 1, 1931, and continued till June 30, 1934, when it was reduced to 3.15 per cent. It was discontinued on June 30, 1935. The financial sacrifice which the chemists in Scotland made for their country in its hour of need mounted to £34,430, while chemists in Northern Ireland contributed £8,193. The work involved 116,000 calculations. The Scottish chemists had been contending for increased remuneration, and had refused to accept in 1916 the English method of remuneration, though they agreed to accept a tariff which represented (a) a profit on the drugs and appliances supplied, and (b)

dispensing fee for every medicament except that, where pills, capsules, lozenges, ointments, suppositories, ointments, pastes, and plasters included in the tariff were ordered uncompounded, no dispensing fee was charged. Towards the close of 1916 the Drug Accounts Committee (Scotland) made an exhaustive examination of 200,000 actual prescriptions. While dispensing fees were seen to vary from 2d. to 1s. 3d., 81.40 per cent. carried a 2d. fee; 6.61 per cent. a 3d. fee, and 6.97 per cent. 4d. fee, so that the number of the others was negligible. Scottish chemists continued to press their claim, and in 1920 dispensing fees were increased, with the additional advantage that every medicament carried a dispensing fee, irrespective of whether or not the medicament was included in the drug tariff. Another investi-

gation was made in 1926 when 215,000 actual prescriptions were examined. This time, while the dispensing fees varied from 2½d. to 3s. 9d., 88.91 per cent. were found to carry a 5d. fee; 4.36 per cent. a fee less than 5d.; and 6.73 per cent. a fee of over 5d. From June 1, 1942, there was a special war-time addition of one penny to every dispensing fee. This was discontinued from October 1, 1945, when the scale of dispensing fees in operation before 1942 was increased by an addition of 3d. to each fee. Shortage of staff and increase in work has unfortunately prevented a further investigation.

The following comparative statement shows the increase in the cost of prescriptions since the start of the scheme. The figures for 1945 and 1946 include insulin, the value of which was excluded in previous years. The value of liver extract has always been included.

Year	Average price per form	Cost per person	Frequency of prescribing
1915	9.74d.	—	—
1930	13.20d.	21.84d.	1.65
1940	16.48d.	27.03d.	1.64
1945	23.43d.	42.44d.	1.81
1946	27.29d.	50.30d.	1.84

The "Floating Sixpence"

In the original Government estimates, it was assumed that 1s. 6d. per insured person would be sufficient to meet the cost of drugs. The drug fund in each area was credited with 2s., the additional 6d. being called the "floating sixpence." As an incentive to economy in prescribing, doctors had a right in each area to share out any unexpended balance of the sixpence. If 2s. proved insufficient to meet chemists' accounts, they were discounted, a condition that caused so much dissatisfaction it was abandoned. With full payment guaranteed, Pharmaceutical Committees lost the right to initiate investigations into alleged excessive prescribing. The steadily increasing cost of the drug fund suggests the need for a continuous campaign by the Department of Education and the Department of Health to bring home to citizens their responsibility for their own good health and the way to achieve it. If the new health service is to be completely successful in making the community health-conscious, my belief is that the Government will have to tackle the great vested interests which advertise proprietary medicines, making people disease-conscious.



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COL. CXLVIII DECEMBER 27, 1947 No. 3540

A Report on Streptomycin

REPORT reviewing the uses and limitations of streptomycin published recently by the Committee on Therapy of the American Trudeau Society and its subcommittee on streptomycin therapy ("Journal of the American Medical Association," November 20, p. 641) comes at the end of a year in which a growing interest has been centred on the drug.

The report substantiates much of the work that has already been published on the drug (see for example, abstract, *C. & E.*, 1947, I, 11). Among the conditions for which streptomycin is not yet indicated, states, are certain types of pulmonary tuberculosis, including chronic fibroid or procaseous pulmonary tuberculosis, acute destructive and apparently terminal types of pulmonary tuberculosis, and early moderately advanced pulmonary tuberculosis with favourable prognosis. The report urges that further adequately controlled studies should be carried out to determine the possibilities and limitations of streptomycin in this field. In tuberculous meningitis, however, intensive parenteral and intracranial streptomycin therapy is advised, while streptomycin treatment is also useful for acute haemogenous miliary tuberculosis; the treatment of certain cases of tuberculous laryngitis; and ulcerating tuberculous lesions of the mucous membranes of the oropharynx, and of the lacheo-bronchial tree. Further trials are so recommended with the drug in ulcerative tuberculous enteritis; prophylactic treatment before and after surgery; tuberculosis of the genito-urinary tract; tuber-

culosis of the bones and joints, skin and eyes. Streptomycin is also recommended for draining cutaneous sinuses, but it is less likely to be effective with tuberculous empyema. Among the toxic properties of the drug are disturbance of vestibular function and deafness. Cutaneous rashes sometimes occur, but serious renal damage appears to be rare.

The minimum effective therapeutic dose has not yet been determined, but it is suggested that the total parenteral dose in twenty-four hours may be from 1-2 gm. Streptomycin treatment should be avoided when other treatments are available because of the danger of producing streptomycin-resistant strains of tubercle bacilli. Studies are under way to determine, among other factors, the best methods of using the drug with least discomfort to the patient, and least expensive.

Sulphonamides in Surgical Dressings

In describing in last week's issue (p. 749) the effects of the new poisons rules (S.R. & O., 1947, 2555) which come into operation on January 1, 1948, we stated: "Sulphonamides contained in ointments and surgical dressings are exempted from Fourth Schedule restrictions, but continue to be First Schedule poisons requiring an entry in the Poisons Register." The statement is true in respect of ointments, but it will be recalled that a general exemption with respect to Schedule I poisons in surgical dressings was made in the Poisons Rules, 1935, Rule 10 of which reads:—

Such of the provisions of the Rules, and of Part II of the Act as modified by these Rules, as apply solely with respect to the substances included in the First Schedule to these Rules, shall not apply with respect to—

- (a) machine-spread plasters; or
- (b) surgical dressings; or, etc.

It should be noted, therefore, that, while sulphonamide dressings remain a Part I poison, and may only be supplied by authorised sellers of poisons, they may be sold without the necessity for making entries in the Poisons Register. A notice confirming this information has been issued by the Home Office.



JANUARY: GOLDEN JUBILEE DINNER.—Mr. A. W. Hague (a vice-president) and others at (postponed) fiftieth anniversary celebration of the P.A.T.A.

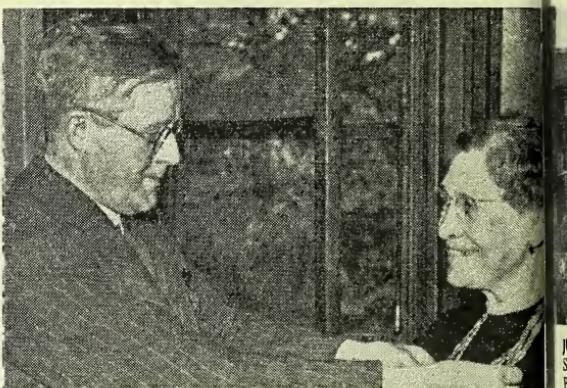
FLASHBACK on 1947



FEBRUARY: FUEL CUTS.—Candles are brought out in City offices, and the *C. & D.*, in common with other periodicals, suspends publication for two weeks.



MAY: BRITISH INDUSTRIES FAIR.—Examining thermometer tubing—one of a number of demonstrations staged by exhibitors for the benefit of visitors.



JUNE: FIRST WOMAN PRESIDENT.—Pharmaceutical Society's outgoing president (Mr. G. R. Knox Mawer) invests Mrs. Jean K. Irvine with chain of office.



SEPTEMBER: PHARMACEUTICAL CONFERENCE.—Section of official photograph taken at Torquay meeting of B.P.C., 1947.



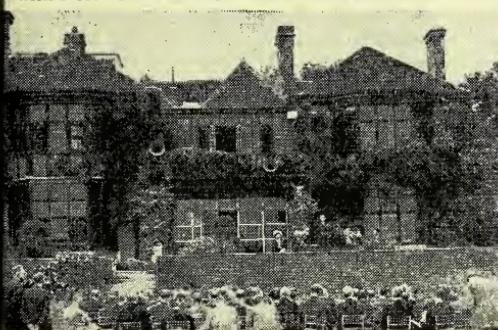
OCTOBER: CHOLERA OUTBREAK.—To help in dealing with cholera epidemics in Egypt and Pakistan, British manufacturers send out vaccine by air.



MARCH: BELFAST VISIT.—The secretary, president, and vice-president of Pharmaceutical Society of Great Britain with Northern Ireland Council members.



APRIL: POST-WAR REVIVAL.—Some of the 180 guests who attended the revived annual dinner of the Brighton and Hove Branch, Pharmaceutical Society.



JULY: SMALL FIRMS' RESEARCH.—Sir Stafford Cripps (president of the Board of Trade) formally opens at Stoke Poges the new Fulmer research centre.



AUGUST: PILGRIMAGE TO LOURDES.—Members of a party of Irish pharmacists on a pilgrimage to Lourdes, organised by Mr. J. J. Kerr.



NOVEMBER: DRUG TRADE LORD MAYOR.—Sir Frederick Wells (chairman of Sanitas, Ltd.) is admitted to office at Guildhall ceremony, November 8



DECEMBER: SOCIAL EVENT OF EIRE YEAR.—C. & D. Editor among guests at annual dance organised by the Benevolent Fund Dance Committee of Eire.

New Year GREETING.

In reply to our invitation we have received from the leaders of the professional, retail, wholesale and manufacturing organisations of the drug trade the following New Year greetings messages:—

Optimism and Determination

From the PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

IN sending New Year greetings to your readers, I do so conscious of the difficulties confronting pharmacy in 1948; difficulties that, if they cannot be entirely overcome, can at least be partially surmounted by clear thinking, by intelligent direction, and by the co-operation of all pharmacists determined to make the pharmaceutical part of the National Health Service a success. It is well to remember that this new service brings with it reforms for which pharmacy has long agitated, e.g., the end of doctors' dispensing and the fact that all medicines are to be dispensed by or under the direct supervision of a pharmacist. Do not let us magnify our difficulties; let us do our best to surmount them, and with feelings of optimism and determination endeavour to make 1948 a Good New Year.

*Jean K. Irvine,
President.*

A Good New Year to All from Scotland

From the NORTH BRITISH EXECUTIVE

IT is good to have the opportunity to send greetings to all Scots on the Register, wherever they may be, and in their name to send a message of goodwill from Scotland to all pharmacists of all nationalities. Enthusiasm for things pharmaceutical has never stood higher in Scotland than at the present time. Members are conscious of the great part they will be called upon to play in the new Health Service, and are confident of their ability to enhance the reputation they have built up in that sphere over the years since 1911. Scotland is gratified that the first woman president of the Pharmaceutical Society comes from north of the Tweed. All Scots wish her well in her term of office, which coin-

cides with so many changes of such vital importance to the future well-being of the craft. So, a Good New Year to all from Scotland.

*C. G. Drummond,
Chairman.*

Evidence of a New Spirit

From the PHARMACEUTICAL SOCIETY OF IRELAND

IN sending Christmas greetings to every Irish chemist I am conscious that my words will reach, not only those who practise in Ireland, but many who are far from their native heath. It gives me deep pleasure to wish you all the joys of the Holy Season, wherever you may be, and to offer on your behalf to our colleagues in Great Britain all good wishes for the New Year. Those in close touch with pharmacy in Ireland will have noticed evidence of a new spirit, manifest in a greater interest in the academic and administrative affairs of the Society—a tendency to give more attention to the professional aspects of our calling. Your Council is gratified by these signs, and has every intention of fostering this desirable reaction from undue attention to the wholly commercial side of pharmacy. Last year a new syllabus was foreshadowed of preparation, and I am happy to say that considerable work has been done towards bringing our curriculum abreast of modern requirements. Some are of opinion, too, that a refresher course would be welcomed by established pharmacists; to them will be given an opportunity of recapturing the feelings of student days, as arrangements have been made for a short, intensive course in January 1948. If I seem to labour the scholastic side of our activities it is because I choose to think that each one of you will, as is the custom at this time of the year, allow your thoughts to drift to the good friends who shared the pleasures and sorrows of lectures and examinations; and to your Alma Mater in Mount Street, common meeting-ground of different generations and link between past and present.

*P. A. Brady,
President.*

From the DRUG TRADE

A Brighter and Better World

From the PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

I AM pleased to have this opportunity of sending my very best wishes to all pharmacists at home and abroad. Many of the difficulties brought about by the years of war remain with us, and next year may bring additional problems, but I am certain that we shall emerge into a brighter and better world, in which pharmacy will continue to hold a place in keeping with its fine record of the past.

*J. M. McGregor,
President.*

Hard Work, Co-operation and Intelligent Direction

From the CHEMISTS' AND DRUGGISTS' SOCIETY OF IRELAND

I AM happy to be afforded the opportunity once again to convey hearty greetings and good wishes to all the members of the craft in Great Britain, Eire and overseas. We had hoped by this time to be free from many of the Governmental regulations, restrictions and controls which have added so much to our work and worries. Unfortunately this hope has not been realised, and we do feel that the coming year will be critical. The realisation of this fact should stimulate us to an all-out effort. It would seem, then, that the most effective way to meet this emergency is by hard work, co-operation, and intelligent direction. This means that we must not allow ourselves to be obsessed by local and personal interests, but that we should think in terms of the success of the community as a whole. Only in this way, in peace as in war, can success crown our efforts.

*Fred Storey,
President.*

Supply of Drugs Has Steadily Increased

From the WORSHIPFUL SOCIETY OF APOTHECARIES OF LONDON

To the readers of **THE CHEMIST AND DRUGGIST** The Worshipful Society of the Art and Mistry of Apothecaries of London sends, as always, its New Year greetings and best wishes. As Dr. Parsons, the

immediate Past Master, pointed out last year, the supply of drugs has steadily increased during the year. Whilst last year penicillin was released for sale on prescription, there has now been during the present year an easing of the conditions governing the supply of streptomycin. This, however, has not reached the stage of general distribution, but is available in hospitals for the treatment of certain specified conditions. Again our Society has demonstrated its active interest in the subject of therapeutics. Since the Society's foundation in the year 1617 it has always played a prominent part in the introduction of drugs to the public at the hands of the general practitioner. During the year the Society has commended the brilliant chemotherapeutic discovery of Davey, Curd and Rose, by awarding these three investigators its Gold Medal in therapeutics for their research leading to the discovery of Paludrine. Now for the first time the conquest of malaria is within sight, since this drug can be produced at an economic rate which will enable it to be administered to native populations. Hitherto such a stage has never been even approached.

*E. C. Dodds,
Master.*

Public and Contractor Pharmacists Working Together

From the GUILD OF PUBLIC PHARMACISTS

On behalf of the council of the Guild of Public Pharmacists I extend to our members and to all other pharmacists best wishes for the New Year. The past year has seen the Guild grow until more than eighty out of every 100 hospital pharmacists are among its members. In 1948 that number will continue to grow as the value of the Guild's work becomes still more apparent, as under the National Health Service it becomes more important, and as its members play an increasing part in that work. In 1948, with the advent of the National Health Service, the public pharmacist and the contractor pharmacist will find themselves working together, expressing the views of pharmacy on the many matters that must arise. This joint working will bring to pharmacy a unity which

should serve the profession well in the future, and enable it to enter 1948 with confidence in its ability to meet the demands of the new service and to obtain from it a just reward.

*David Currie,
President.*

Confidence Should Be the Keynote

From the NATIONAL ASSOCIATION OF WOMEN PHARMACISTS

I AM pleased to have this opportunity of sending New Year greetings to all pharmacists. In 1948 the National Health Service Act will come into operation. Whatever our own personal views may be, it is clear that pharmacists in varying spheres of practice will be drawn closer together through being engaged in the same service. If we can only realise the full value of this, I am sure we shall not fail to make the new Health Service a unifying force among ourselves. I feel that confidence should be the keynote to the pharmacist's outlook for the new year. Confidence in ourselves is essential. If we undertake new duties or have to rearrange the whole of our pharmaceutical life, let us do it in the knowledge that we and we alone can give the best possible service to the public in this particular aspect of the health service. Such an attitude will go a long way to assuring success in the future.

*Dorothy M. Jones,
President.*

N.H.S. Can Offer Ample Provision for Pharmaceutical Uplift

From the NATIONAL JOINT INDUSTRIAL COUNCIL FOR RETAIL PHARMACY

In responding to the invitation of the Editor for the customary "greeting," may I extend to all Knights of the Pestle and Mortar our good wishes for 1948, in the hope that the coming year will prove one of promise and performance. Is it a misfortune that the pharmacist has become so closely allied to distribution, and that the commercial aspect, on the retail side at least, would appear to be the determining factor of his intrinsic worth? From a purely professional angle the answer must be in the affirmative, but unless the economic need of the pharmacist can be met professionally, there must be recourse in other directions, with a consequent deterioration of professional status in proportion to commercial expansion. If one may pass an observation on pharmacy within the new

Health Service in relation to contracts, I would say that such contracts should be directly related to the appropriate remuneration of the pharmacist in his professional capacity, and to those who will be responsible (not always the contractor) for carrying out the terms of contract. The Joint Industrial Council for Retail Pharmacy may yet find itself in a transforming rôle, but however that may be, certainly the future status of pharmacy will be resolved in the practical application of those professional services for which the pharmacist is trained, and for the rendering of which he is entitled to adequate reward. I believe the National Health Service can offer ample provision for a pharmaceutical uplift, and developments will be watched with interest. The contribution which pharmacy will make in the new service is an important one, and, in the New Year greeting extended to all engaged in pharmacy, may your labours prove fruitful to the nation and to the craft which at the same time you serve.

*J. Gilmour,
Chairman.*

Much More to be Done

From the BRITISH PHARMACEUTICAL STUDENTS' ASSOCIATION

On behalf of the Executive of B.P.S.A. I should like to convey our sincerest New Year greetings to all pharmacy students and apprentices. To the president and members of the Council of the Pharmaceutical Society, to all pharmacists at home and abroad, and to the academic staffs of the various schools of pharmacy throughout the world, we send greetings and best wishes for many further years of prosperity and progress in the profession. During 1947 we have seen many welcome changes introduced, but let us not rest on our laurels, because there is much more to be done before pharmacy holds its true position in the community. May I say now that the present executive of B.P.S.A. is not forgetting the aims and resolutions of its former members and intends to do all in its power to make pharmacy worthy of the hopes which exist in the hearts of present students and apprentices. The future is up to them. May they strive during this coming year to improve the lot of themselves and of those who will follow in their footsteps in the years to come.

*J. L. Gilchrist,
President.*

A Notable Contribution to National Recovery

From the ASSOCIATION OF BRITISH CHEMICAL MANUFACTURERS

On behalf of members of the Association of British Chemical Manufacturers, I send to all our friends at home and abroad greetings and best wishes for 1948. For the British chemical industry as, indeed, for all British industries, the year now ending has been one of crises, uncertainties and great difficulty. Nevertheless, we are proud to feel that the chemical industry has already made a notable contribution to national recovery. Not only has it provided the essential raw materials for many manufacturers at home upon a greatly increased scale and contributed to the needs of public health and to agriculture, but it has increased the volume of its export trade as compared with 1938 by nearly 50 per cent., representing roughly three times the 1938 value. We enter the New Year, however, in a more favourable position; uncertainties are giving place to hard facts, and immediate difficulties are being resolutely tackled, and will be overcome wherever it lies within the power of the industry to do so. The task ahead is formidable enough but, with each one of us giving of his best, I am confident that the British chemical industry will acquit itself with new distinction.

Harry Jephcott,
Chairman.

That Great Spirit of Co-operation

From the TOILET PREPARATIONS & PERFUMERY MANUFACTURERS' FEDERATION OF GREAT BRITAIN

As the newly elected chairman of the Toilet Preparations and Perfumery Manufacturers' Federation I welcome this opportunity of sending on behalf of our members in Great Britain the most cordial greetings and good wishes for 1948 to all our many friends at home and overseas. In 1947 there have been numerous difficulties and not a few disappointments for us all; 1948 may prove to be even more difficult, but I personally will spare no effort to further the interests of our industry and to foster even more that great spirit of co-operation which has always existed between our members and our friends and customers at home and overseas. We had hoped that in 1947 there would have been greater freedom of trading between us. Even so, this is no time for despair and we all look forward to brighter days ahead, working and striving continually for that prosperity which we believe is possible for our industry. We

are very proud of our Federation and if any of the readers of THE CHEMIST AND DRUGGIST feel that we can be of assistance to them during the coming year I extend to them a cordial invitation to communicate either with the secretary or with me at the Federation's offices at 69 Cannon Street, London, E.C.4.

A. J. E. Madden,
Chairman.

To Attain That Freedom of Living

From the PHOTOGRAPHIC DEALERS' ASSOCIATION

On behalf of the National Council of the Photographic Dealers' Association, I extend to all our friends interested in pharmacy and photography sincere good wishes for 1948. May the gloom of adversity cloaking our land be dispersed, and the sunshine of prosperity and peace prevail. To that end we must all work. Exports must succeed while we sacrifice in the achieving, but may the burden on the nation—employers and employed, and those in the home—be eased at the earliest opportunity, and the chance given to all to attain that freedom of living which is every Briton's right. May supplies be larger in 1948 than seems at present possible, so that shortages may disappear, and buying and selling become once more a joy for both the shopkeeper and his customer.

Alfred J. Caithness,
President.

A Year that will See Fundamental Changes in Pharmacy

From the SCOTTISH PHARMACEUTICAL FEDERATION

ONCE again it is my privilege to send greetings and good wishes to my fellow pharmacists for 1948—a year that will see a fundamental change in pharmacy (even more so in Scotland than over the Border) owing to the introduction of the new Health Service. To those who have the heavy burden of arranging terms of service, etc., we would tactfully remind them that they are legislating for the future as well as the present. During the last thirty years pharmacists played their part in the success of the National Health Insurance scheme, and no doubt they will continue to do so in the new scheme. The tendency in all social service legislation is to give local authorities ever greater power in administering these services and it behoves pharmacists, in their own interests, to become members of their local authority, in order that the community may have the benefit of their experience, especially on the health side. I repeat what I wrote on a previous occasion:

"Never in the history of pharmacy was there a time when it was so necessary for unity in our ranks and for our whole-hearted support of our leaders in their endeavour to get the long-delayed recognition of our professional status and adequate recompense for our services."

Charles A. Buick,
President.

Pharmacy for Pharmacists

From the IRISH DRUG ASSOCIATION

To all members of the Irish Drug Association I send greetings for a happy and prosperous New Year. In my message a year ago I referred to the continuous growth of membership with a corresponding increase in the work of the Association. Members are now aware that during 1947 new office accommodation was secured at 27 Merrion Square. The Association is no longer a mere price-fixing body; in the fullest sense of the term it is a recognised trade body and during the past year negotiations were conducted with Government departments regarding supplies, and with trade unions regarding wages and conditions of employment, etc. The Association is in constant communication with manufacturers regarding matters of policy affecting the retail chemist. At meetings of local associations during the past two years I have expressed my thanks to the members for their loyalty in carrying out the recommendations and decisions of the Committee. With the present strength of members and unity of purpose among all I believe that our ultimate goal of pharmacy for the pharmacists is every day becoming more a reality; with continued support it will shortly be an accomplished fact.

M. Costello,
President.

Problems Tackled With Zest

From the ULSTER CHEMISTS' ASSOCIATION

I AM pleased to have this opportunity to send greetings and good wishes to all those engaged in pharmacy in Northern Ireland, Great Britain and Eire. The passing of 1947 leaves me with a feeling that we have accomplished much, and that many difficulties have been overcome, yet we approach 1948 with more work ahead. The National Health Service is taking shape, and we pharmacists must see to it that we are placed in a much better position than under previous legislation. We must, by constant vigilance and the co-operation of the various bodies concerned, let the public know that we are giving a pharmaceutical ser-

vice second to none. The free supply of goods has yet to be reached, and increased purchase tax on almost all of our goods has made business more difficult. I look forward in confidence that the coming year will see the many problems besetting us tackled with the same zest and success as in the past.

James C. Acheson,
President.

The Finest Pharmaceutical Service Possible

From the NATIONAL PHARMACEUTICAL UNION

It gives me great pleasure to send New Year greetings to members of all pharmaceutical and allied organisations and particularly to my fellow members of the National Pharmaceutical Union. Stepping forward into 1948 we look ahead with anticipation to the appointed day when the National Health Service will commence to operate. We hope that those who are engaged in the all important work of negotiating on our behalf will bring those negotiations to a successful conclusion. May the efforts of all concerned in the moulding of this new structure result in the provision of the finest pharmaceutical service possible for the community and satisfying rewards to the pharmacist for his labours. In the meantime it behoves each of us to make this a year of high endeavour for the sake of our country and our calling. Let each of us go to his task with renewed zeal and may success and happiness justly crown our combined efforts.

G. H. M. Graham,
Chairman.

Useful Contribution to the Health of the Nation

From the CHEMISTS FEDERATION

THE year on which we are entering will see the new National Health Service in operation. It is difficult to forecast the future of proprietary medicines when a comprehensive health service has been established for everybody. In the absence of further legislation, those members of the public who continue to demand household remedies will be to a great extent dependent on the integrity of the manufacturer, and the knowledge of the pharmacist. The chief feature of the work of the Chemists Federation in the past year has been to ensure, by voluntary control, that pharmacists shall have, in the C.F. list, a range of products which is worthy of their recommendation, and which can provide a useful

ontribution to the health of the nation. I wish to express my thanks to all manufacturer, wholesale and retail members for the great help and co-operation which they have given so freely during this last difficult year. I hope that the loyal co-operation and friendship which have always been characteristics of the Chemists Federation will be continued for many years. On behalf of the C.F. Council I extend to all members of the Federation and to all leaders of THE CHEMIST AND DRUGGIST sincere greetings and the best of good wishes for the coming year.

*W. John Tristram,
President.*

Contribute to the Maintenance of the Health of the Nation

From the WHOLESALE DRUG TRADE ASSOCIATION

THE thought that comes uppermost in all our minds, as we survey the year now past, must surely be that the hopes of prosperity which came with peace are still far from being fulfilled. For the first time perhaps it is realised on all sides that as a nation we are poor, in an impoverished world. From this thought determination, not dependency, must and assuredly will emerge. We in the Wholesale Drug Trade Association shall continue in this new year, both as individual concerns and collectively as an Association, to play our part by promoting efficiency in the manufacture and distribution of our products, and through our research activities to provide new and more potent remedies against disease. Together with our friends in retail and hospital pharmacy we shall first contribute to the maintenance of the health of the nation by the provision of essential pharmaceutical requirements. Then, more directly, we must assist economic recovery by enlarging, so far as controls and shortages allow, the splendid contribution already made by the pharmaceutical industry in the nation's export drive. The desire to achieve our target springs not only from the necessity to earn dollars and other external currency, but also from a realisation of the duty which rests upon us to make available British therapeutic products wherever they may be required. My new year message to your readers, engaged as they are in all branches of pharmaceutical activity at home and overseas, is that with goodwill and mutual confidence prevailing this double task will be achieved.

*Ian Fergusson,
Chairman.*

We Shall Eventually Pull Through

From the PROPRIETARY ARTICLES TRADE ASSOCIATION

THE hope expressed by my predecessor in the presidential chair of the P.A.T.A. that 1947 would see a nearer approach to conditions in which "business enterprise and initiative would find opportunities for restoring true prosperity," has, unfortunately, not been realised. The past year has been a most difficult and vexatious period for all of us. Controls and restrictions have not ended — indeed, in many directions they have become more acute. The P.A.T.A. has continued the useful and stabilising influences it has exerted among the trade and community for over half a century. Once again the price-maintenance system which it has developed so successfully — in the interests alike of manufacturer, wholesaler, retailer and the general public — is to be the subject of inquiry by a Government committee, and it is our purpose and determination to show that under present day economic conditions the system, so far as this Association's activities are concerned, is just as essential to fair trading as it has proved to be in more normal times. Despite the many harassments which all of us, whether as citizens or traders, are called upon to endure, I am confident that we shall eventually pull through and on that note I extend to all who are concerned in the well-being of pharmacy and the drug trade my best wishes for a happy and a prosperous New Year.

*Herbert G. Middleton,
President.*

Great Measure of Success

From the PROPRIETARY ASSOCIATION OF GREAT BRITAIN

THE Proprietary Association of Great Britain again welcomes the opportunity of sending cordial Christmas greetings to friends at home and overseas. Now, more than ever, when the nation is endeavouring to re-establish economic stability, the proprietary medicine industry plays an increasingly important part in the achievement of that object. Although faced with many difficulties by way of shortages of raw materials, and restrictive import licensing controls in many markets, the Association and Export Group are untiring in their efforts to assist manufacturers to uphold the high standards which already attach to their products, and to maintain the friendly contacts established over many

years with purchasers at home and abroad. That a great measure of success has attended the efforts of members is evinced by the export figures for the industry during the year now drawing to a close, but it must not be overlooked that satisfactory export trade is necessarily based on the conducive production for the home market. We confidently hope that, during the year 1948, despite the rather formidable obstacles to be overcome, a similar degree of success will be achieved.

*F. A. S. Gwatkin,
Chairman.*

Overcome Shortage of Supplies

From the BRITISH BRUSH MANUFACTURERS' ASSOCIATION

In my greeting message last year I referred to the prospects in the tooth, toilet and shaving brush sections of the industry. Looking back over the year readers will, I think, agree that the quality and workmanship of the brushes they have secured during the period were of the highest standard. Owing to their efficient and improved methods of manufacture, firms have not only overcome the shortage of supplies but have also been able to export 30 per cent. of their production to all parts of the world. Increased demand for these brushes has been found in the United States of America and other hard-currency countries, and they will undoubtedly play a very important part in the forthcoming export drive. I would, however, assure traders in the home market that, in spite of this, I am confident that manufacturers will be able to satisfy their requirements also. In my position as president of the British Brush Manufacturers' Association, I naturally come into contact with tooth, toilet and shaving brushes made by overseas manufacturers, and I can say without any doubt that British brushes have no equal. In conclusion, I would like to take this opportunity of wishing all readers of *THE CHEMIST AND DRUGGIST* a New Year of successful trading and greater prosperity.

*Harold C. Palmer,
President.*

The Traditional Genius of the British Merchant

From the BRITISH CHEMICAL & DYESTUFFS TRADERS' ASSOCIATION

I GLADLY accept the invitation of the Editor to send a New Year message to the members of the Association and to many friends in the chemical industry. The stupendous

task facing the country in its struggle to restore the balance of trade is by no means insuperable provided that commerce is given sufficient scope for enterprise and industry allowed to manage its own affairs. The British chemical industry has already secured a place in the forefront of export trade and a large measure of this success is due to the initiative of merchant exporters. Much more could be achieved if the proper raw materials can be secured for the production of export goods and more attention given to the provision of suitable containers for the export of pharmaceuticals, drugs and tar products. If these disabilities can be overcome and the highest degree of co-operation promoted in all sections of the trade we would have every prospect of seeing Great Britain regain her leading position in international trade; a position which was built up in the past and can be rebuilt in the future through the traditional genius of the British merchant. Our difficulties must be measured side-by-side with the capacity and courage of our race and I send my best wishes for the prosperity of all.

*Victor Blagden,
President.*

Progressive Developments are Encouraging

From the ASSOCIATION OF SCIENTIFIC WORKERS

THE New Year will witness the inauguration of the National Health Service, the publication of a new edition of the British Pharmacopœia, the commencement of the new London honours degree course in pharmacy, and the reduction of the apprenticeship period for some classes of students. These progressive developments are encouraging, but with each step forward the need for effective organisation to maintain and improve the economic and professional status of pharmacists becomes greater. An improvement in Britain's economic position will make possible further advances for the professions and other sections of the community. The Association of Scientific Workers is, therefore, doing all possible to ensure that science is fully utilised in the drive for economic restoration. To all pharmacists and allied scientists assisting in this task we send best wishes for the New Year. We also send greetings to students who will be entering the profession in the New Year and trust that they will be able to take part in our work for science and the community.

*J. H. Humphrey,
Chairman, Medical Sciences Committee.*

A Measure of Satisfaction in the Wider Service

From the UNION OF SHOP, DISTRIBUTIVE AND ALLIED WORKERS

I GLADLY avail myself of this opportunity to convey good wishes for the New Year to all workers in the pharmaceutical, drug and allied trades on behalf of the Union of Shop, Distributive and Allied Workers. My Union is fully aware of the important contribution of this group towards the health of the nation—indeed, the health of the world when one takes into account the many countries to which medicinal preparations are exported, a contribution which is also linked up economically with the nation's crisis. The coming year will witness the practical operation of the new Health Service and this should be a measure of satisfaction in the wider service the trade will be called upon to render. On the pharmaceutical side we are not at all satisfied with the set-up of the Government's Whitley machinery so far as pharmacy is concerned. The proposed Pharmaceutical Functional Council pays no regard to the large numbers of qualified managers and dispensers who will be expected to carry out the terms of contract in the retail service, and is designed to accord preferential treatment to employer interests at the expense of the employee. The Season's Greetings to all.

Percy Cottrell,
President.

A New Beginning For Humanity

From the CHEMICAL WORKERS' UNION

THE Executive Council, officers, staff and members of the Chemical Workers' Union send greetings and best wishes for the coming year to all engaged in the manufacturing, wholesaling and retailing of drugs and fine chemicals. The year that has just passed seems to have been out of joint, but mankind must expect difficulties after two world wars in one generation. The coming year, we hope, will lay the foundations for a new beginning for humanity and thus create the security which is so necessary for the expansion and development of the drug and fine chemical industry. Too often in the past has this great industry been diverted for the purposes of war. 1948 should give us the opportunity to use this constructive industry for the positive purpose of peace, and to assist in curing the physical ills of mankind. The drug and fine chemical industry, because of the variety of

its products and the interdependence of its factories, needs industrial harmony and understanding.

Bob Edwards,
Acting General Secretary.

THE EDITOR acknowledges with thanks the many Christmas and New Year greeting messages received from all sections of the pharmaceutical and drug trade, at home and overseas, and heartily reciprocates the sentiments expressed.

CORRESPONDENCE Information Sought

SIR,—As an old subscriber to the *C. & D.* (I held the position of honorary pharmacist to the British Hospital, Paris, from 1915 up to the date of my internment) I have no compunction in asking for your collaboration in locating either the family of the late J. E. Garratt or his eldest son Jack. You will see that my efforts to do this through the Post Office have failed.

Paris, VIIe. SAMUEL T. FLETCHER.

Branch Representatives and Education

SIR,—In your report of the Council meeting of the Society on December 2 and 3 (*C. & D.*, December 13, p. 726), it is most interesting to read the discussion which took place regarding the revision of the examination regulations and to note the president's remarks about her Council. There are several references to the motion which was "passed" at the Torquay Branch Representatives' meeting, and I would like to refresh members' memories of what actually happened there. The motion was "That this Branch Representatives' meeting accepts the new educational regulations, proposed to be brought into force in 1948-52," or words to that effect. Immediately this proposal was seconded, I rose and asked to be allowed to put an amendment. The president refused to allow me to do this, and proceeded to take a vote on the proposal. When I remained standing, said that I must press for an amendment, and asked that I might be heard, Mr. Linstead nodding at me all the time from the platform, the president said that the voting was taking place and she could not allow any further time. The result was, in effect, that only the votes in favour of the proposal were taken (and not counted) and no one knew or will ever know how many representatives were against the new educational proposals.

Manchester, 19. S. D. ANDREW.

CINDERELLA - *a potted panto*

Starring Cinders herself, her two qualified sisters, the entire crazy gang and a rebel Council member (in the rôle of fairy godmother)

As the iron curtain rises, Cinderella, in a tattered overall, is discovered dejectedly dusting bottles in the dispensary of her father's shop.

CINDERS :

Although you see me busy at my dusting
My little heart inside is nearly bursting,
You'll understand I find it irritating,
When other girls are busy titivating
And dressing up all ready for a spree—
That all the dusting's left to poor old me.
My stern papa says I have missed my chance
To join my sisters at the chemists' dance
Because although I studied all the winter
I've positively failed to pass my inter.
My sisters, tho' they've faces like giraffes,
Were quite unladylike—they passed in maths;
If only I could stop my brain from rusting
I, too, could dance, instead of merely dusting.

Enter ugly sisters, dressed to kill.

UGLY SISTERS :

We're Cinderella's scintillating sisters,
We're off to be the beauties of the ball.
We've been but once before
And it proved an awful bore,
For the men just left us sitting by the wall.
Those chemists seemed quite blind to our
attractions,
They whispered no sweet words about our looks.
But we've never had the time
To learn to shoot a line—
We've been too busy learning things from books.

Enter crazy gang.

CRAZY GANG :

Away with those mortars,
You three chemist's daughters,
For to-night is the night for romance.
Stop making up mixtures,
Stop dusting those fixtures,
Let's away—no delay—to the dance.

UGLY SISTERS :

Now while we're gone, keep busy, Cinderella,
And don't forget you've still to scrub the cellar;
If that's not done you know papa will scold you.
Get cracking, girl—don't say we haven't told you.

CRAZY GANG :

You mean to say, to our dismay,
That Cinders isn't coming?
What jest is this? Why she's the miss
That sets our hearts a-strumming.

CINDERS :

Alas, 'tis true, I feel so blue,
But dear papa has spoken,
Alone in class, I did not pass
In maths—my heart is broken.

LEADER OF GANG :

What matters mathematics to a maiden so
delightful?
Your sisters may be brainy but their faces are
quite frightful,
Though figures they manipulate to solve a stiff
equation,
It's Cinderella's figure that's our cause for
jubilation.

CRAZY GANG :

Not a moment more to linger
Is our dearest, dearest wish,
Yet we wouldn't lift a finger
For these queerest, queerest fish.
No! The girl we want to dance with,
And we'll not be slow to tell her,
Is the girl to have romance with,
'Tis our darling Cinderella.

Enter Rebel Council Member, armed with magic wand.

R.C.M. :

That a girl who does her sums
Should monopolise the plums
Is a state of things that really shouldn't be,
So I'll cast a magic spell,
And the maths can go to . . . well!
And you'll find you'll soon become a c. and d.

Instructed by the R.C.M., Cinderella takes a pestle and mortar and stirs furiously. As the R.C.M. recites, the crazy gang dance round her.

R.C.M. :

Now in the mortar fling some fronds;
And molecules with double bonds;
A pinch of herbs from pharmacog
Dissected entrails of a frog,
Include a drachm of belladonna
(Without it you'll not "pass with honour").
Square roots we hardly like to mention—
Let's be content with root of gentian.
Now these are mixed. Behold! Sensation!
You now will see a transformation!

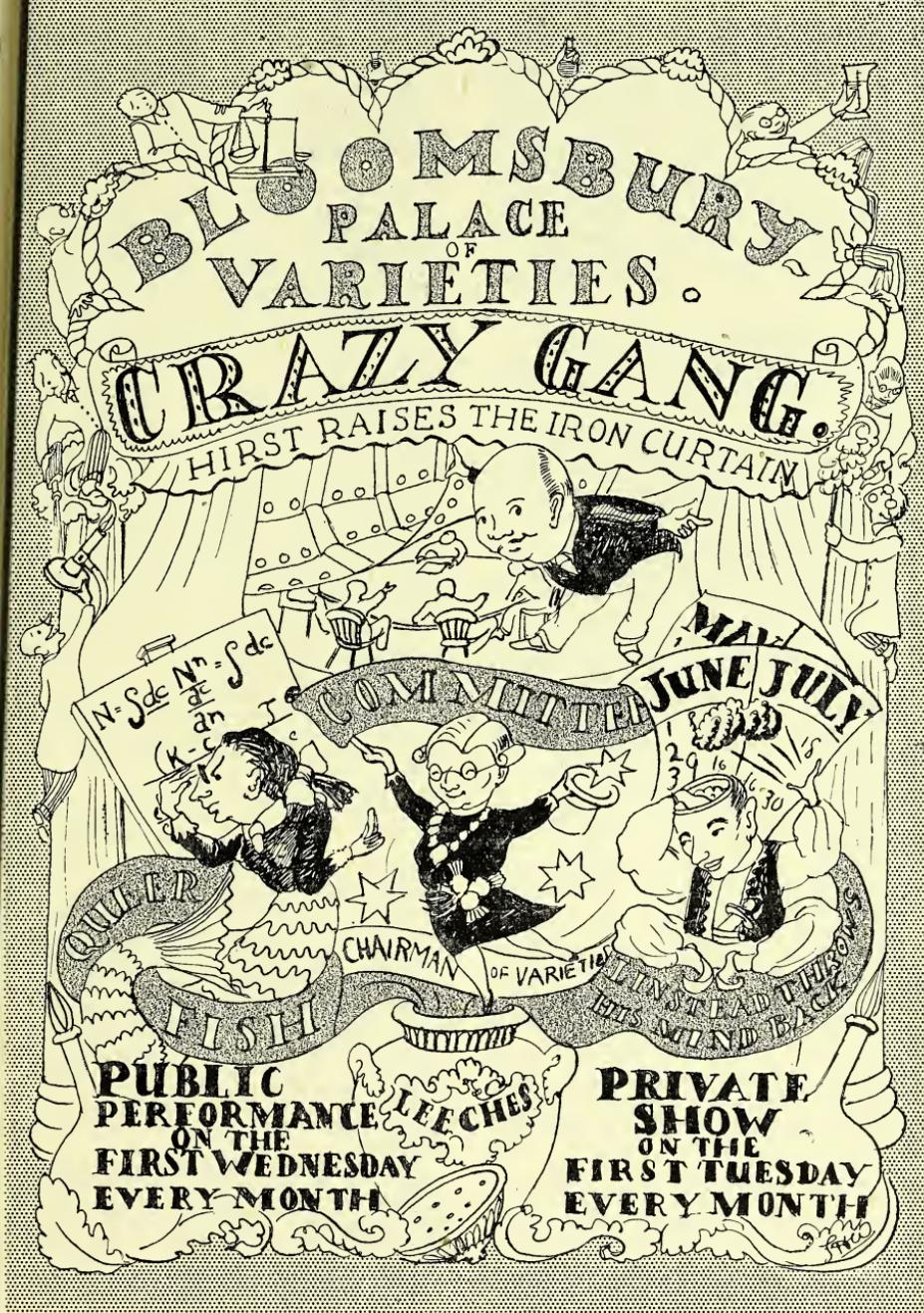
The iron curtain is lowered to signify that the pantomime has gone into committee. When the curtain rises again, the scene is transformed to a huge ballroom, with Cinderella, in a gorgeous evening gown, the belle of the ball.

CINDERELLA :

A magician's acrobatics
Solved the problem of mathematics,
And I'm qualified to join the chemists' ball.

CRAZY GANG :

While her sisters scrub the cellar
We're so glad that Cinderella
Will live happy ever after, after all.



TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex St., W.C.2, December 23

TRADE is of a routine character during the week prior to Christmas and most business premises will be closed from to-morrow afternoon until December 29. There have been no price changes noted for pharmaceutical and fine chemicals. Little change has been shown in spot quotations for crude drugs and the market has experienced quiet conditions in the last few days.

Pharmaceutical Chemicals

BENZALDEHYDE.—Prices of B.P.C. quality are from 4s. 9d. to 5s. 6d. per lb., as to quantity.

CHLORAL HYDRATE.—Current rates are as follows: 28 lb., 4s. 8d. per lb.; 14 lb., 5s.; 7 lb., 5s. 3d.; less than 7 lb., 5s. 9d. per lb.

CHLOROCRESOL.—Quotations are maintained at from 4s. to 4s. 6d. per lb.

CHLOROXYLENOL, B.P.—Makers' quotations for 1-cwt. lots are at 5s. per lb., with up to 6s. per lb. for smaller quantities.

CHLOROFORM.—Current rates are as follows: 1-cwt. lots in Winchester quarts, 2s. 11d. per lb.; 56-lb. lots, 2s. 11d. per lb.

CINCHOPHEN.—Prices are from 35s. to 40s. per lb., according to quantity.

GUAIACOLS.—Liquid is quoted at 14s. 6d. to 16s. per lb.; crystal and carbonate, 14s. to 15s. per lb., according to quantity.

HEXAMINE.—B.P. is quoted at from 1s. 8d. to 2s. per lb., as to quantity.

HYDROCYANIC ACID.—B.P.C. (Scheele's) is quoted at 1s. 5½d. per lb. and B.P. at 1s. 1½d. per lb.

HYOSCINE HYDROBROMIDE.—Makers' quotations are from 147s. 6d. to 150s. per oz., according to quantity.

ICHTHAMMOL.—B.P. material is quoted in bulk at 4s. 3d. per lb.; 28-lb. tins are priced at 4s. 9d., 14-lb. at 5s. and 1-lb. at 5s. 10d. per lb.

IODOPHTHALEIN, B.P.—Current price is 60s. per lb.

ISOPROPYL ALCOHOL.—Makers quote 15s. 3d. per gall. for small lots.

LACTATES.—Makers' quotations per lb. are as follows: CALCIUM, 2s. 3d. to 2s. 9d.; CALCIUM SODIUM, 3s. 3d. to 3s. 9d.; LACTIC ACID, 3s. to 3s. 4d.

LACTOSE.—Quotations are from £120 per ton upwards, according to quantity.

MANDELIC ACID.—Current prices per lb. are: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—Current rates are as follows: Winchester quarts, 2s. 2½d. per

lb.; 56 lb., in demijohns, 2s. 1d.; 1 cwt., in demijohns or carboys, 2s. 0½d.; 5 cwt., 2s. All prices are net.

METHYLTHIONINE CHLORIDE.—Quotations are from 8s. 6d. to 10s. per lb., according to quantity.

NIKETHAMIDE, B.P.—Current quotations are at 150s. per lb.

PANCREATIN.—Price of B.P. material is from 13s. 6d. upwards, as to quantity.

PARALDEHYDE.—Rates for B.P. material are as follows: 5 carboys, 1s. 5d. per lb.; 1 carboy, 1s. 6d.; 24 Winchester quarts, 1s. 7½d.; 17, 1s. 8½d.; 6, 1s. 10d.; 3, 1s. 11d. per lb.

PIPERAZINE.—Current prices are from 4s. 6d. per oz., according to quantity.

POTASSIUM ACETATE, B.P.—Fine granular is quoted at 2s. 1½d. per lb. in 1-cwt. lots.

PYROGALLOL.—Current rates are as follows: 1 cwt., 21s.; 56 lb., 21s. 6d.; 28 lb. 22s. 6d. per lb. Resublimed, 4s. per lb. above these rates. Prices are net.

QUININE SULPHATE.—Makers' quotations for B.P. are from 4s. to 4s. 9d. per oz.; research grade is offered at 12s. 6d. per oz.

RESORCIN.—In short supply. Current prices are at from 10s. 6d. to 12s. 6d. per lb., according to quantity.

SALOL, B.P.C.—Small quantities are available at from 9s. to 14s. 7d. per lb.

SANTONIN.—Prices are unchanged: 5 kilos, £44 per kilo; less than 5 kilos, £45; 1 kilo, £46; half-kilo, £47; quarter-kilo, £48 per kilo; carriage paid in U.K.

SODIUM ALGINATE.—Makers' quotations are from 5s. to 6s. per lb., according to quantity.

SODIUM TAUROGLYCOCHOLATE.—Current quotations are at 45s. per lb.

STEARATES.—Current rates per cwt., in 1-cwt. lots, are as follows: ALUMINIUM, 235s. 6d.; CALCIUM, 217s. 6d.; MAGNESIUM, 237s. 6d.; LEAD, 240s. 6d.; ZINC, 222s. 6d. 5-cwt. lots are 2s. 6d. per cwt. less, and 1-ton lots 7s. 6d. less per cwt. than above prices. Carriage paid in U.K.; packing free.

STROPHANTHIN.—Makers' quotations for B.P. is at 14s. per gm. and for OUABAIN (STROPHANTHIN K), 8s. 6d. per gm.

TERPINEOL.—Material complying with B.P. standards is priced at 5s. per lb. for small lots.

THEOBROMINE.—In short supply. Makers' prices per lb. are as follows: ALKALOID, from 39s. 6d. to 43s. 6d., according to quantity; CALCIUM SALICYLATE and SODIUM SALICYLATE, from 22s. 3d. to 26s. 3d.; SODIUM BENZOATE, from 24s. 9d. to 27s. 9d.

THIOURACIL, B.P.C.—Makers quote this product at 55s. per lb. In good demand.

Crude Drugs

ACONITE.—Indian root is quoted at from 375s. to 380s. per cwt., according to seller.

ALOES.—Quiet. Cape is quoted at 160s. to 165s., spot; shipment, 135s., c.i.f. Curaçao in boxes is available from 235s. to 245s., spot; forward, 215s. to 220s., c.i.f. Socotrine, spot, is from 156s. to 190s. per cwt.

BAY LEAVES.—Leaves without stems 95s. to 105s. per cwt., duty paid, quoted.

CAMPHOR.—Steady. Chinese tablets ($\frac{1}{4}$ -oz.) are quoted at 11s. 6d. to 11s. 9d. per lb.; refined powder (B.P.), 10s. 3d. to 10s. 6d., Formosa (B.B.), 9s. 6d. to 10s.; $\frac{1}{2}$ -lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid. Chinese crude 93-95 per cent., 7s. per lb.

CASCARA SAGRADA.—Spot 1947 peel is quoted from 255s. to 260s., duty paid; 1946 peel is offered from 270s., duty paid.

CASCARILLA.—Quills are at 1s. 8d. to 1s. 9d. and siftings at 1s. 5d. per lb., spot.

CASSIA PODS (*C. fistula*).—East Indian, quoted at 70s. per cwt., ex wharf.

CHAMOMILES.—Belgian are quoted at 12s. to 12s. 6d. per lb., duty paid; Hungarian, spot, quoted at 3s. per lb., duty paid.

CHAULMOOGRA.—*Hydnocarpus*, in tins in cases, is quoted at 1s. 10d. per lb., spot.

GAMBOGE.—Siam pipe is offered at £55 per cwt., duty paid, ex warehouse.

GENTIAN.—French natural root on the spot, 95s., quoted; cut, 115s. per cwt.

IEPECACUANHA.—Nicaraguan continues firm on spot with prices from 28s. 6d. to 30s. per lb., according to seller; shipment, 27s., c.i.f. Colombian root, 28s., spot; shipment, 25s., c.i.f.

JALAP.—Vera Cruz, spot, offered at prices from 3s. 5d. to 4s. per lb., according to test.

JUNIPER.—Italian berries, quoted at from 55s. to 60s. per cwt., duty paid.

MACE.—West-Indian blade, on the spot, is being sold at 7s. per lb.; pickings, 4s. 6d. to 5s. 6d., according to quality.

MALE FERN.—Jugo-Slav to come forward is £55 to £90 per ton, c.i.f.

MERCURY.—Spot, £16 per flask, ex warehouse; for shipment, £15 8s., c.i.f. U.K.

MYRRH.—Steady. Aden sorts is quoted at £14 to £15 10s. per cwt.; siftings, £8 to £10 per cwt., spot.

SENNA.—Tinnevelly leaves, on the spot, offered as follows: No 1, 10d. to 1s. per lb.; No. 2, 8d. to 9d.; No. 3, 7d. to 8d.; No. 4, 6d. Tinnevelly pods, handpicked, 10d to 1s. 4d.; manufacturing, 5d. to 6d. Alexandrian pods, handpicked, spot, from 4s. 9d. to 5s. 9d., according to quality; medium, 2s. 9d.; manufacturing, 1s. 9d. to 2s. per lb. Alexandrian leaves, 1s. 2d. per lb. quoted for f.a.q.

VALERIAN.—Belgian root is at 180s. to 224s. per cwt., according to holder.

Essential and Expressed Oils

ALMOND.—B.P. (sweet) is firmly held at from 10s. 6d. to 12s. 6d. per lb. Bitter oil (s.a.p.) is quoted at 55s. per lb.

ANISE.—Spot supplies are quoted at 6s. 6d. to 7s. per lb. for drums with up to 9s. for smalls; near afloat, 6s. 6d., c.i.f., for drums and 7s., c.i.f., for tins in cases.

BAY.—West Indian is offering at 7s. 6d. to 9s. per lb., spot.

CADE.—Spot supplies are from 4s. to 5s. 6d. per lb.

CANANGA.—Java oil, spot, is quoted from 35s. to 40s. per lb., 27s. 6d., c.i.f.

CASSIA.—Spot quotations are from 15s. to 16s. 6d. per lb., as to quantity.

LAVENDER.—Steady. French is quoted from 35s. to 45s. per lb., according to quantity and grade. Spanish (spike), 10s. 6d. to 12s. per lb., spot.

SASSAFRAS.—Brazil quoted at 6s. 6d. to 8s. per lb., according to quantity.

THYME.—Red oil (40-42 per cent. phenols), 13s. 6d. to 16s. per lb.; white oil, 17s. to 18s. 6d. per lb., spot.

VETIVERT.—Java is quoted at 135s. per lb., on the spot; Bourbon, 165s. to 180s.

ROSEMARY.—Spanish is offered at 8s. to 10s. 6d. per lb., according to quantity.

Synthetics and Isolates

QUOTATIONS are per lb. and vary as to grade, quantity and seller.

ISOBUTYL SALICYLATE.—6s. to 7s. **ISO-EUGENOL.**—17s. to 19s. 6d.; according to quantity.

LINALOL.—50s. to 52s. 6d.; supply quite adequate. **LINALYL ACETATE.**—52s. 6d. to 55s.; supply quite adequate.

METHYL ACETOPHENONE.—12s. 6d. to 14s.; in good supply. **METHYL ANTHRANILATE.**—17s. 6d. to 18s. 6d. **METHYL BENZOATE.**—6s. to 6s. 6d. **METHYL CINNAMATE.**—12s. 6d. to 13s. **METHYL PHENYLACETATE.**—7s. 6d. to 8s. 6d. **METHYL IONONE.**—37s. 6d. to 40s.; readily available. **MUSK AMBRETTE.**—None available from British manufacturers. **MUSK KETONE.**—45s.; nominal. **MUSK XYLOL.**—13s. **MUSTARD OIL (artificial).**—18s. 6d. to 20s.

NEROLIN BROMELIA.—17s. 6d. **NEROLIN YARA YARA.**—9s. 6d. to 10s. 6d.; in good supply.

PARACRESYL ACETATE.—8s. **PARACRESYL PHENYLACETATE.**—10s. 6d. to 12s. **PHENYLACETALDEHYDE.**—60s. **PHENYLACETIC ACID.**—7s. to 8s. 6d. **PHENYLETHYL ALCOHOL.**—15s. to 16s.; supply still inadequate.

PHENYLPROPYL ALCOHOL.—25s. **RHODINOL.**—170s. to 180s. **SAFROLE.**—10s. 6d. **SANTALOL.**—95s. to 150s. **STYROLENE ACETATE.**—10s. 6d. to 11s. 6d. **TERPINEOL.**—Perfumers', 5s. 3d. to 5s. 9d. **TERPINYL ACETATE.**—12s. 6d. to 13s. 6d.

TRADE MARKS

(From "The Trade Marks Journal," December 3)
 "SANTICIZER"; for plasticisers, solvents and softening agents, all being chemical products for use in the plastics industry in connection with synthetic resin (1). By Monsanto Chemical Co., 1700 South Second Street, St. Louis, Missouri, U.S.A. 650,662.

"A BLUE CIRCLE PRODUCT" with device of circle (colour of circle limited to blue as shown in the representation on the form of application); for chemical products used in industry, science and photography, and chemical products, included in this Class, used in agriculture, horticulture and forestry (1). By The Cement Marketing Co., Ltd., Portland House, Tothill Street, Westminster, London, S.W.1. 652,105 (Associated).
 "ACRAFIX"; for adhesives, used in industry (1). By Acra Products, Ltd., 3 & 6 King's Head Buildings, Cloth Hall Street, Huddersfield, Yorkshire. B652,517 (Associated).

"SORXELA"; for all goods (1) (3). By Alex. Ross & Co., Meadow End, Hollins Lane, Styall, Cheshire. 652,639-41 (Associated).

Device of stag leaping through a horseshoe; for toilet preparations (not medicated), perfumes and soaps (3); for pharmaceutical substances, deodorant powder, disinfectants, sanitary towels, belts and knickers and surgical dressings (5). By W. Sutton & Co., Druggists' Sundries (London), Ltd., Horseshoe Lane, Chase Side, Enfield, Middlesex. 645,393 and 645,317 (Associated).

"CHALEON"; for toilet preparations (not medicated), cosmetics, perfumes, perfumed soap, essential oils, hair lotions and dentifrices (3). By Everett & Co. (Manchester), Ltd., Academy Works, 69 Dickenson Road, Rusholme, Manchester, 14. 649,910.

"SUNSPOTS"; for all goods except preparations for the skin (3). By Sundrops, Ltd., The Chemical Works, off Manchester Road, Linthwaite, Huddersfield, Yorkshire. 650,113.

"LORMA"; for toilet preparations (not medicated) (3). By Lorimer-Marshall, Ltd., Britannia Works, Cold Blow, Hatcham, London, S.E.14. 650,372 (Associated).

"EVAN WILLIAMS"; for shampoos, lotions and dyes, all for the hair, and brilliantines (3). By Evan Williams Co., Ltd., 61 Lincolns Inn Fields, London, W.C.2. 650,954 (Associated).

"ARNAUD'S"; for non-medicated toilet preparations, cosmetics, perfumes, toilet dyes and preparations for the hair (3). By Potter & Clarke, Ltd., Artillery Lane, London, E.1. 651,191.

"CRILL"; for non-medicated toilet and hair preparations (3). By Cupal, Ltd., Phoenix Mill, King Street Bridge, Blackburn, Lancs. 651,319.
 "VANITAL"; for non-medicated toilet preparations, cosmetics, perfumes and perfumed soap (3). By Neil Gollin Leland, 23 Donne Place, London, S.W.3. 652,146.

Device of coach and horses; for perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other Classes), sachets for hair waving, soaps and essential oils (3). By John Gosnell & Co., Ltd., Ballards Old Brewery, Bell Lane, Southover, Lewes, Sussex. 652,479.

"HIRONDELLE"; for toilet preparations (not medicated), perfumes and perfumed soap (3). By Société d'Etudes et d'Expansion de la Parfumerie de Luxe, 20 Rue de la Paix, Paris, France. 652,767.

"GRENOVILLE"; for non-medicated toilet preparations, perfumes, cosmetics and soaps (3). By Société Anonyme Grenoville, 110 Avenue Pereire, Asnières (Seine), France. 652,847.

"HEAVENLY NOTE"; for toilet preparations (not medicated) (3). By Crystal Products Co., Ltd., Hook Rise, Surbiton, Surrey. 653,130.

"VIGROIDS"; for medicated preparations in capsule or tablet form (5). By Robert John Wright, 22 Albert Road, Carrickfergus, Antrim. 646,124.

"BARBISOL"; for anodyne and analgesic pharmaceutical preparations (5). By Aktien Gesellschaft Hommel's Haematogen, Josephstrasse 20, Zurich, 5, Switzerland. 649,787 (Associated).

"DUODELAC"; for pharmaceutical dietary foods made from or consisting principally of milk (5). By Cow & Gate, Ltd., Cow & Gate House, Stoke Road, Guildford, Surrey. 650,416.

"TEGERON"; for medicated preparations for use in connection with veterinary obstetrics (5). By May & Baker, Ltd., Dagenham, Essex. 650,718.

"HERBALINE"; for herbal laxatives for human use (5). By Lusty's Natural Products Co., 278 London Road, Westcliff-on-Sea, Essex. B651,192.

"TABSLUS"; for pharmaceutical preparations and substances (5). By Clinical Products, Ltd., 2 The Green, Richmond, Surrey. 651,752.

"CHOLETRAST"; for pharmaceutical preparations and substances for use in the investigation or treatment of diseases or disorders of the bile or gall bladder (5). By The Wellcome Foundation, Ltd., 183 Euston Road, London, N.W.1. 652,427.

"SANEPS"; for pharmaceutical preparations for use in the treatment of nervous disorders (5). By Laboratoires Sapos S.A., 11 Rue de la Navigation, Geneva, Switzerland. 652,771.

Specification No. 650,217 by May & Baker, Ltd., should be altered so as to read: "All goods included in Class 5, except disinfectants and any goods of the same description as disinfectants."

"CUPRELONE"; for pharmaceutical preparations containing copper or copper compounds (5). By Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2. 652,151.

"OPTREX"; for medicated tulle (5). By Optrex, Ltd., 14 King William Street, London, E.C.4. 652,801 (Associated).

"ASTORMATON"; for cameras which automatically develop negatives after the exposures have been made (9); "PRINTAMATON"; for automatic printing and developing apparatus (9). By Cyril William Rennie Astor, 28 North Drive, Rhyl, Flintshire, North Wales. 652,122-23.

COMING EVENT

Wednesday, December 31

LEICESTER BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Board Room, Leicester Royal Infirmary, at 7.30 p.m. Mrs. A. E. Preece on "A Pharmacist Studying Medicine."

'CODALGIN' *Bayer* ANALGESIC TABLETS

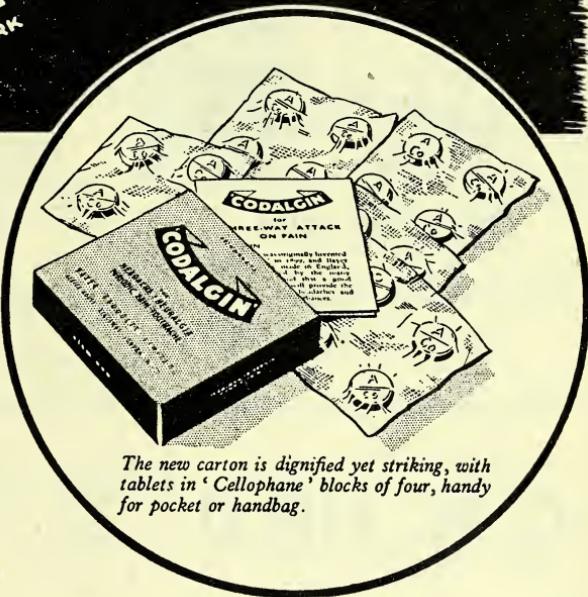
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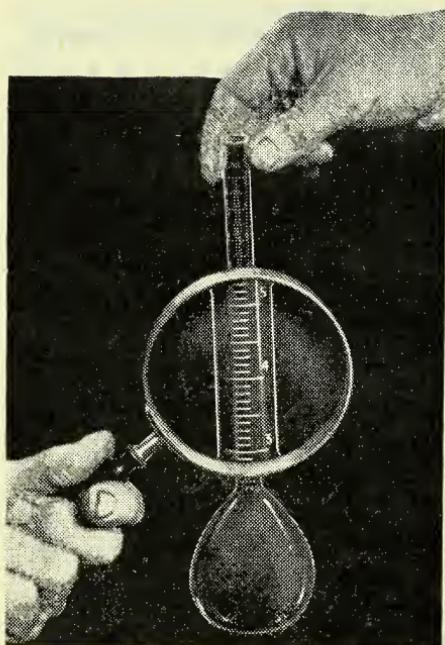
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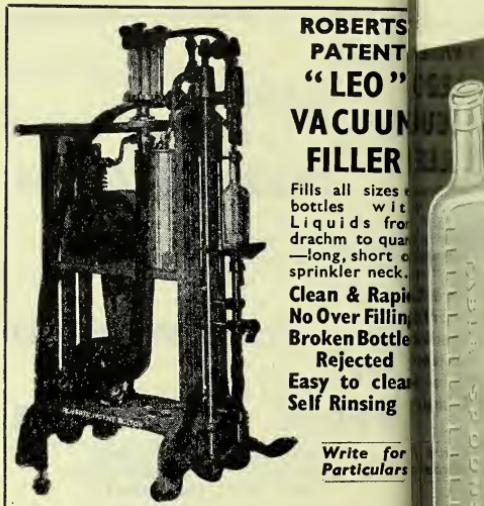
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Plain or
Medi-

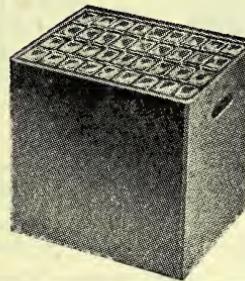
MANUFAC-
WHITE R
RETU

Natio

Works: FISH
Telephone: Y



"NATIONAL" Production



"National" Dispensing Bottles

are Strong, Serviceable and Sure-selling

NEATLY PACKED IN 6 DOZEN
RETURNABLE CARTONS

- ★ CONVENIENT IN SIZE
- ★ EASY TO HANDLE
- ★ UNIFORM IN QUALITY

SCREW CAPS SUPPLIED IN
WHITE-ENAMELLED METAL

Vials

of "NATIONAL" quality

Ranging in size $\frac{1}{2}$ oz. up to 3 oz.
Plain or teaspoon graduations
Medium and tall types.

MANUFACTURED IN BEST QUALITY
WHITE FLINT, AND PACKED IN
RETURNABLE CARTONS



Restrictions outside our control may
not allow us to meet every requirement

National Glass Works (York) Ltd.

Works: FISHERGATE, YORK
Telephone: York 3021

London Office: 105 HATTON GARDEN, E.C.1
Telephone: Holborn 2146

WHOLESALE ONLY



Despite the heavy and continued demands of Government departments, we are striving steadily to improve deliveries to all our customers.

**BEATSON CLARK
BOTTLES**

BEATSON, CLARK & CO. LTD.
MANUFACTURERS OF CHEMICAL AND MEDICAL GLASS
ROOTHERHAM Established 1751 YORKS

BOB

THE RETURN OF BRANDED SOFT DRINKS

From the beginning of next February, manufacturers of soft drinks will be permitted to put their own brand labels on their bottles. There are bound to remain with retailers certain stocks of soft drinks labelled S.D.I., and it will not be possible for manufacturers to accept these in exchange for their own branded goods. To help the retailer to clear these stocks, advertisements are being published in the press throughout Gt. Britain during February to inform the public of the position.

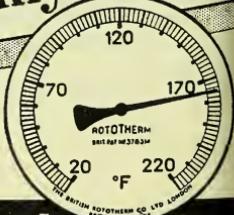
Issued by
The Soft Drinks Industry (War Time) Association Ltd.
42 Upper Grosvenor Street, London, W.1

CVS-77

Rototherm
THE
ROLLS-ROYCE
OF THERMOMETERS

over 1,000,000
in daily use -

For every
Industrial or
Domestic application



Rototherm

THE BRITISH ROTOTHERM CO., LTD., MERTON ABBEY,
LONDON, S.W.19, and at 87 St. Vincent St., Glasgow, C.2

ALBRO

FILLING MACHINES

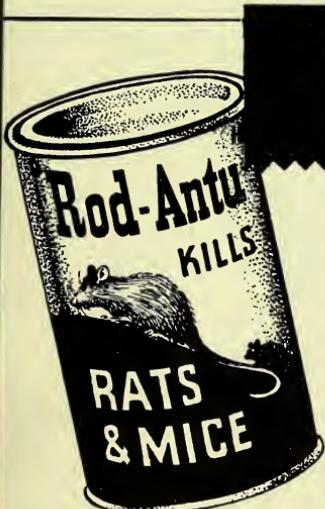
Fill the Nation's needs . . .

Albro Filling Machines range from simple gravity machines, requiring no power whatever, to vacuum operated fillers for powders, fluids, emulsions and semi-solids, with capacities up to 900 gallons per hour. Whatever the filling job — Ointments, Perfumes (into sprinkler neck bottles), Talcum and Face Powders, Health Salts, Stomach Powder, Insecticides, etc. — there's an Albro Machine to fill cleanly, efficiently, rapidly, with only the attention of junior unskilled labour. Albro Engineers are always at your service — installations to suit any product, any output.

There's an **ALBRO** Machine for every filling need

●
ALBRO FILLERS & ENGINEERING CO. LTD
NORTHAMPTON WORKS, WATSON'S ROAD, WOOD GREEN, LONDON, N.22
Telephone : Bowes Park 2217-2218.

SATISFY YOUR CUSTOMERS



Rod-Antu

KILLS

RATS AND MICE
AND WORKS EVERY TIME

USED BY PUBLIC HEALTH AUTHORITIES
THROUGHOUT THE COUNTRY

RETAILS 1/6 AND 5/- SPECIAL BONUS
TERMS

RODMILL CHEMICAL CO. LTD. LIVERPOOL

A NEW extra absorbent TAMPAX



IN THE
DARK BLUE BOX
Selling at
2/-
per packet of 10
TRADE: 18/- DOZ.

**introduced
by express
desire of women
themselves...**

Super absorbent TAMPAX N°2

40% more absorbent
means extra sales for you because it makes
available the benefits of Tampax to yet
thousands more women. Display it along-
side the ever-popular Regular Tampax
No. 1, both in your window and on your
counter. The two absorbency-sizes of
Tampax now cater for all requirements.

*A NEW line to make
NEW sales alongside
Regular TAMPAX No. 1*

Tampax Ltd., Sales Office: 110 Jermyn Street,
London, S.W.1 Phone: Whitehall 8696/7.



BABY SOOTHERS
all rubber

TEATS & VALVES
for Feeding Bottles

FEEDING BOTTLES
singly boxed with Teat & Valve

TEETHING RINGS
Plastic & Rubber

COT SHEETS

WHIRLING SPRAYS

SURGEONS' FINGER COTS

MEDICINE DROPPERS

SURGEONS' GLOVES

VACCINE CAPS

Manufacturers & Distributors:

ESCO (RUBBER) LTD.

99 KINGSLAND HIGH STREET,
LONDON, E.8.

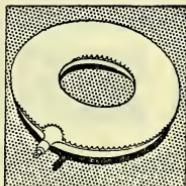
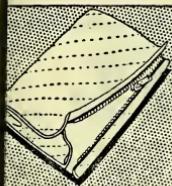
Tel.: CLIssold 1717. Cables: Shupax, London.

on your toes

ready to meet
the growing demand
for the exclusive
foot preparations
now being advertised
to the public
under the name

Navano

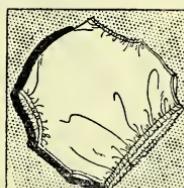
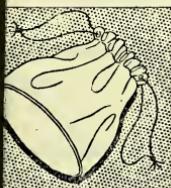
Manufactured by
NAVANO PREPARATIONS LTD.
9, WESTMORLAND AVE., BLACKPOOL.



*zip poachette
rubber air ring
baby bag
circular toilet bag
rubber baby pants*



PRESCRIPTION FOR A HOUSEWIFE



The LI-L• Products illustrated are all chosen from an extensive range of best selling Surgical sundries. These long established favourites, and the later additions to the LI-L• list, are rapidly gaining widespread success.

Write for full list and trade terms to:—

P. B. COW & CO., LTD.. ESTABLISHED 1836
12, HAY HILL, BERKELEY SQ., LONDON, W.1
TEL.: REGENT 7401 (10 LINES)

**SUPREME
BRANNAN
ACCURACY**

HERMOMETERS
Clinical Household: Industrial: etc

MADE IN ENGLAND BY
BRANNAN & SONS
—
London and Cumberland
LTD.

EXPORT BRANCH
LYALL WILLIS & CO. LTD.
52 BAKER STREET
LONDON W.1

SES

★ Electric and Non-Electric Sterilizers.
★ Hypodermic and Serum Syringes.
★ Spirit Proof Plastic Syringe Cases.

Obtainable through all Dealers and Retailers
Write for Descriptive Leaflets

*'Surqualec'
the most modern
Electric Sterilizer*

MANUFACTURED BY

Surgical Equipment Supplies Ltd
WESTFIELDS ROAD, LONDON, W.3

IT'S GOING TO MAKE



SHAVING HISTORY

A razor that needs no new blades, no lather, no electricity . . . Just pick it up and apply it with a firm rocking movement over the face—and there you have it—a smooth, perfect shave. Something so entirely new that it'll be a real sensation with shavers everywhere . . . and produced by the famous firm of Wilkinson, which alone speaks for its quality and craftsmanship.

Price 43/8 Retail
(Inc. Purchase Tax)

Wilkinson
Dry Shave
Razor



WILKINSON SWORD CO., LTD.
53 PALL MALL, LONDON, S.W.1
Wholesale Trade Enquiries to—
Factory: Oakley Works, Acton, London, W.4

ZEAL

Clinicals

*The Choice
of Experts*

BRITISH
MADE

NO HIGHER
IN PRICE THAN
NONDESCRIPT
MAKES

Also Household, Bath-
and Works Thermometers,
the best of their kind

G.H. ZEAL LTD.
LOMBARD RD., MORDEN RD.,
LONDON, S.W.19

Phone: Liberty 2283-4-5



In the Public Eye . . .

The goodwill possessed by any product is the most valuable sales factor to the retailer - especially in the immediate future. Despite severe space restrictions DRUMMER DYES have steadily kept their name in the public's eye through advertising in the National Daily Press, Magazines and from the poster hoardings.

DRUMMER
Also makers of JIFFY DYES
Made by Wm. EDGE &
SONS LTD. - BOLTON
DYES



J. Allen & Company

Makers of fine Latex Goods :
RUBBER GLOVES · BABY PANTS
BOTTLE TEATS · SOOTHERS, etc.

J. ALLEN & COMPANY
CORINTH HOUSE, BATH ROAD, CHELTENHAM



ESPECIALLY WITH CHILDREN'S APPEAL

New Line of
toothpaste has jumped
into immediate
favour. Supplies in
strict rotation.

Available in delightful
fruit flavours:
ANANA, STRAW-
BERRY, PEPPERMINT
CREAM
GELS 2/- inc. Tax.
Order from Wholes-
aler or direct:-

Punch & Judy

The Children's
TOOTHPASTE

MEDRANO PRODUCTS

ORTLAND HOUSE, SINCLAIR ROAD, LONDON, W.14

CHILDREN LOVE PUNCH & JUDY

*We feel
confident in
assuring you of
HIGHEST VALUE
when quoting
for . . .*

S PONGES

*for all
purposes*

ENQUIRIES INVITED

M. L. BENJAMIN & Co.

45 OSWALD STREET
GLASGOW
CENTRAL 5721

“Why I support the SILVER LINING LINING Savings Campaign”

by Field Marshal Viscount Montgomery,
of Alamein, K.G., G.C.B., D.S.O.

“We can only regain our wealth and position in the world by thrift, by savings, and by hard work... Shortage of material goods will not overcome us if we have spiritual reserves; we must mobilise those reserves and create a spirit which will not admit frustration, but which will carry us forward, on a rising tide to Victory in the Battle of Reconstruction: as our spirit did in the late war... So I would ask people to save in the same way that they saved in the war years; that is in thankfulness for the victory which has been granted to us, and in the knowledge that the present Silver Lining Campaign will play a vital part in the reconstruction and rebuilding of our country.”



**National Savings
for Prosperity**

Issued by the National Savings Committee

LASTEX **OPEN WOVEN ELASTIC**
SUPPORTING
BANDAGE

Manufactured
from LASTEX
THREAD

Wholesale
Distributors

LASTEX **STONE** **LASTEX**
Medical **ONE** **LASTEX**
Supply **LASTEX**
Association **LASTEX**
LIMITED **LASTEX**
167-173 **LASTEX**
GRAY'S INN ROAD **LASTEX**
LONDON, W.C.I. **LASTEX**

Write
for
terms

“Lastenet” is a Registered Trade
Mark of John Heathcoat & Co.

GOVERNMENT SURPLUS STOCK FOR SALE

Drugs by well-known firms. All in perfect condition
4,500 Tubes, 4 ozs. of Gentian Violet with Mer-
phiolate 1 in 5,000, by Eli Lilly & Co., Ltd., @
12/- per dozen. 750,000 Tablets Amphetamine
Sulphate 5 m.g., in bottles of 500, by Griffiths
Hughes, @ 4/- per 1,000. 140,000 Tab. Hyd-
Subchlor, gr. 2. Bottles of 500, by Howard & Son,
1/6 per 1,000. 20,000 Tubes Hyoscine Hydrobrom-
1/200 grain, in tubes of 50, by Kirby & Sons and
Griffiths Hughes, @ 6/- per dozen tubes. 900,000
Tablet Syrup Easton, 30 minims sine Quinine, S.C.
in bottles of 500 by Burgoyne Burbidges @ 2/- per
1,000. 150,000 Tab. Plumbi Subacet. grain 10,
in bottles of 500, by R. Daniel & Son, @ 3/- per
1,000. 300,000 Solvete Pot. Permangan. gr. 2, in
bottles of 500, by R. Daniel & Son, @ 3/- per
1,000. 140,000 Tablets Zinc Sulphate gr. 5. Bottles
of 500, by Howards & Sons, @ 3/- per 1,000.
120,000 Tablets Argent Proteinate, 4.375 gr., by
Kirby & Sons, @ 6/- per 1,000. 375,000 Tablets
Euflavine 0.875 grains, with Sodium Chloride, by
May & Baker, in bottles of 500, @ 10/- per 1,000.
350,000 Tab. Perchlor. 8.75 grain, by Bur-
goyne Burbidges, in bottles of 500, @ 6/- per 1,000.
TERMS: Cash with order. Tax paid; bottles free;
Carriage Free. Satisfaction guaranteed.

Apply:
THE BRITISH SURGICAL HOUSES, LTD.,
48 Higher Bridge Street, Bolton, Lancs.
Tel. No. BOLTON 3168.

EXPORT STILL COMES FIRST
but supplies available for the
HOME MARKET
in pre-war TRANSPARENT quality



*Sold only by Chemists
Recommended by them*

FINEST SURGICAL RUBBER PRODUCTS

MADE IN ENGLAND BY

HERBERT FROMM LIMITED

GLASGOW TERRACE, GROSVENOR ROAD, LONDON, S.W.1

TELEPHONE: VICtoria 6258.

GRAMS: MORFI, SOWEST, LONDON

NEWLY DESIGNED!



WITH CUT-OUT
CORNERS—FULLY SLOTTED TO
FIT ALL HOLDERS and made of
HIGH - GRADE SURGICAL STEEL

The keenest, cleanest-shaving blade now made. Best value, too. At 1/9d. per doz. including new Purchase Tax, backed by Free Showcard for your counter, the improved WANIE will be your best-selling safety blade. Send now for a sample and terms to:

LONDON & PROVINCIAL FACTORS LTD.

"Wanie" House, Tottenham Court Rd., London, W.1

NAME YOUR USUAL WHOLESALER

Wholesalers' Enquiries Specially Invited

HATCHWELL

MIRACLE

MIXTURE has saved t
lives of hundreds of do

★ The
Sensible
Chemist
knows that
Pet owners
are worth
catering for

Supplies the fin
remedies, well
vertised, and sh
more profit th
any other simi
lines. We do n
advertise o
Wholesale Price
You must writeto
if you are interest

THE HATCHWELL COMPANY LTD
BYRON STREET, PRESTON, LANCASHIRE

(It's no gamble to stock

TOWN TALK

*the Silver Polish which
ensures regular customers,
to whom your other
wares will also appeal*

ORDER DIRECT OR FROM

MANCHESTER :
D. Mawdsley & Co.
James Woolley Sons &
Co., Ltd.

LEEDS :
Goodalls (Leeds), Ltd.

LEICESTER :
E. H. Butler & Son.

NEWCASTLE-ON-TYNE:
Wilkinson & Simpson

LONDON : Ltd.

Brooks & Warburton,

Ltd. May, Roberts & Co.

Ltd. Butler & Crispe

LIVERPOOL : Ayrton,

Saunders & Co. Ltd.

THE TOWN TALK POLISH CO., MANCHESTER, 10

MICE
mean customers for
NON-POISONOUS
SCRAM
THE CLEAN METHOD

Nationally advertised. Sells more
than a million packets a year.

Order from your wholesaler

SCRAM PRODUCTS, LONDON, N.W.5.



bandbox

the success of 1947

Bandbox became the number one shampoo of countless women in 1947. And no wonder ! It's soapless—really scientific—removes all dandruff, dirt and surplus oil. Leaves no deposit. Rinses out quickly. 1948 will see even greater advances. Plans include vastly extended advertising campaigns, both press and poster—brilliantly designed display material . . . a progressive window display service . . . and the new modern factory will ensure quick deliveries for the inevitable increase in sales. *Generous terms from your wholesaler or direct from :—*

Ashe Laboratories Ltd., 120 Victoria St., London, S.W.1 Telephone: Victoria 6781-6

plans greater triumphs in 1948

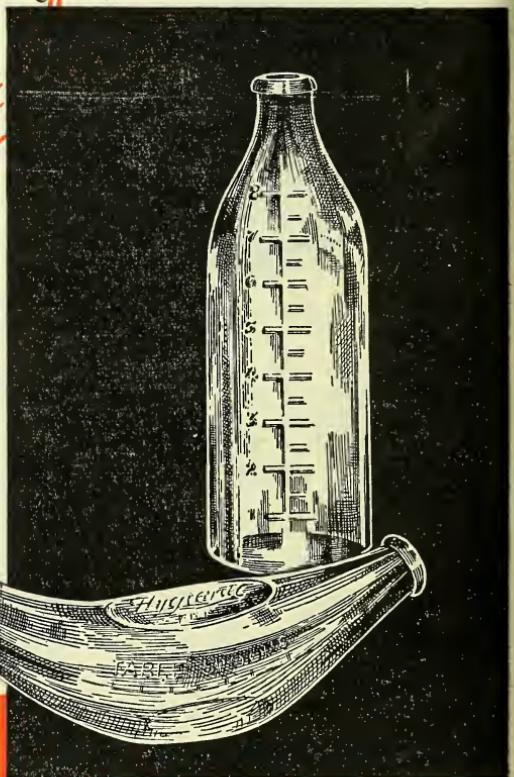
INFANT

FEEDING BOTTLES



The essential needs of the nation still demand priority. To those planning ahead we invite enquiries for Glass Container Requirements.

ESSENTIAL FOOD AND
DRUG CONTAINERS,
MEDICAL FLATS AND
PANELS, ETC., ETC.



*Wholesale &
Export Only*

London Office :-

28 Ludgate Hill, E.C.4
Telephone : CITY 7170

LAX & SHAW ltd

REGD. OFFICES : Albert Glass Works, Hunslet, LEEDS, 10
Telephone: 21568 (2 lines) Telegrams: Feeders Phone Leeds

If You're out of One Recommend the Other

In these days, when, do what we will, we cannot always cope with demand, there is an added advantage in the two kinds of Parmint and their three sizes.

All our press advertising features both Parmints and mentions all their prices.

At the moment the 1/7 ready for use Parmint is in short supply. If you are temporarily out of stock, recommend your customers to take a 3/1½ bottle or a 3/5½ bottle of the Parmint Concentrated Essences.

Both are both

P.A.T.A.

and



PARMINT

Concentrated Essences

and

PARMINT

INTERNATIONAL LABORATORIES
LIMITED

1-3 SMEDLEY ST., LONDON, S.W.8



“ZEMS” HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLETS
FOR COUGHS, COLDS,
ASTHMA, BRONCHITIS, ETC.

Supplies may be obtained from C.F.
Wholesale Houses.

ZEMS, LTD.

718-724 Seven Sisters Road, London, N.15

**ATTRACTIVE
TRANSOTAPE**

PUTS YOUR
PACK ON A
PEDESTAL

JOHN GOSHERON & CO LTD

GAYFORD ROAD LONDON W 12

SHE 3326 (5 lines)

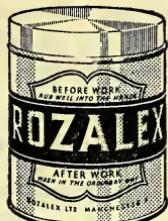
EW 4714

Applied before Work

ROZALEX

REGD BRAND

Keeps Hands Clean & Healthy



Temporary
Pack

For use in the home

ns retailing at 2/1d. inc. Purchase Tax

★ ALSO ROZALEX OINTMENT
IN JARS 2/6 INC. PUR. TAX

zalex Limited, 10 Norfolk St., Manchester, 2

*The Public
know the
product*

*Remind them
to buy by
displaying*
GEORGE BELL'S

Blood Salts

Give George Bell's Blood Salts, for dogs, window and counter display and link up with the extensive advertising campaign.

This will mean more sales and profits for you. The packs make good displays, but if you require further display material, please write:—

BELL & SONS, LTD.,
18, SILVERDALE WORKS,
LIVERPOOL, 13

S.C.P. 9

Another Smith & Nephew Line in good supply



ZOFF

PLASTER REMOVER & SKIN CLEANSER

NOW IN NEW
LARGER BOTTLE AT 1/-

Zoff is now marketed in a larger and more attractive bottle; the formula has been improved. Simultaneously with these changes the selling price of the improved product is now 1/- whilst you buy at 8/- a dozen bottles. Zoff is an obvious line for display because of its link with adhesive dressing and plaster sales. To help you, Zoff Plaster Remover and Skin Cleanser is now packed in display outers of six bottles—a neat and handy size for the counter. Zoff is in free supply and obtainable from your usual wholesaler.

ZOFF

TRADE MARK
A SMITH & NEPHEW PRODUCT

CHILBALM
Relieves Chilblains

MADE BY
CHEMISTS

SOLD ONLY BY
CHEMISTS

Camphor - phenol - benzoin complex in a soft water-miscible cream base.
1 oz. jar 1/6 inc.
Showing a minimum profit of 5d. per jar.

CHILBALM
for
CHILBLAINS
INDUSTRIES LTD.

Sale Agents: MEADESON & CO. LTD., CHESSINGTON, SURREY
Manufactured by:

CARLTON PHARMACEUTICAL INDUSTRIES LTD., LONDON, W.C.2

Fortifies Food...

• A little VIRDOX sprinkled over food or in beverages adds valuable yeast vitamins to the ordinary diet. Recommended to correct malnutrition, digestive troubles, lassitude, anaemia and "nerviness." Retailing at 3/6 per 8 oz. tin, VIRDOX is a profitable line for all Chemists.

Write today for full details
of generous Trade Terms.

Home and Overseas Agents required.

VIRDOX

REGD.
nutrition

VIRDOX, 75, KINGSWAY, LONDON, W.C.2

SHERLEY'S always make Regular Customers!

be sure of a fair share of the big, regular demand for the Sherley's preparations please order well ahead—empty shelves can only mean disappointment. There is no treasure like a regular customer. He is the mainstay of fitful trading; a source of valuable will. Adequate stocks of Sherley's Dog and Cat Medicines will keep the "regulars" happy and turn many a "usual" into a good friend.



SHERLEY'S DOG MEDICINES

SHERLEY & CO. LTD., 16/18 MARSHALSEA ROAD, LONDON, S.E.1

Cinuous and Steadily Advertised Goods
FOR DESTROYING RATS AND MICE

DANYSZ VIRUS

Mail Price (Protected)	Net Wholesale Price
for Rats and Mice, single tube, 2/-	15/- per doz.
3 tubes, 5/-	
for Mice only single tubes, 1/6	9/-
3 tubes, 3/-	
All expired tubes returned to us postage paid will be exchanged free of charge.	

Danysz Virus in Liquid Form

Retail Price	Wholesale Price
Bottles 6/- each	... 4/6 each
" 4/6 "	... 3/9 "

HALLER'S EXTRACT OF SQUILL and DANZO RAT KILLER

Count off Retail Prices 25 p.c. Monthly Account, or 33½ p.c. Cash with Order.

Retail	Monthly A/c	Cash with Order
all. tins 10/-	... 7/6	... 6/8
" 18/-	... 13/6	... 12/-
" 80/-	... 60/-	... 53/4

DANZO BEETLE POWDER

For destroying Blackbeetles, Cockroaches, Crickets, etc.

Mail Price (Protected)	Wholesale Prices
cartons 9d. each	... 6/9 per doz.
" 1/6 "	... 13/6 "
" 3/- "	... 27/- "

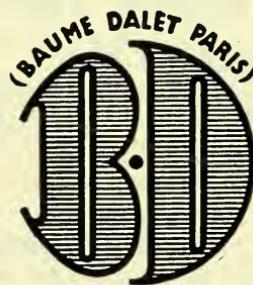
Beetle Powder will not deteriorate by keeping.

CARRIAGE PAID ON ALL ORDERS

To be obtained from
HALLER LABORATORIES, LTD.
325 Borough High Street, LONDON, S.E.1

grams: "Virudana, Bedist, London." Telephone: Hep. 271

YOU'RE MISSING GOOD BUSINESS IF YOU'RE OUT OF STOCK OF—



BAUME
DALET

Made expressly
for Bunions

From your usual Wholesaler or from
the Sole Distributors for U.K.

SPLENDOR LABORATORIES

7c Lower Belgrave Street, London, S.W.1
and at Nottingham

**Seven Seas
COD LIVER OIL**
is a best seller
and a quick mover.
Opportunities for
increasing
turnover are greater
than ever this
season. The greater
your turnover
the greater your
service to the
public.



Difficulties of production
and transport are not
going to be less. See that
your requirements are
well covered in good time
for the winter season.

ISSUED BY BRITISH COD LIVER OILS (HULL &
GRIMSBY) LTD., ST. ANDREW'S DOCK, HULL



**Eade's
PILLS**

Eade's Rheumatic and
Gout Pills, the remedy
with a 100 year old fame.

RETAIL (Inc. Pur. Tax)	WHOLESALE (Plus Tax)
1/7	1 1/3 doz.
3/9	27/- doz.
6/3	46/- doz.

**Eade's UNIVERSAL
ANODYNE**

Another Eade's product always in demand.

RETAIL (Inc. Pur. Tax)	WHOLESALE (Plus Tax)
1/7	1 1/3 doz.
3/9	27/- doz.

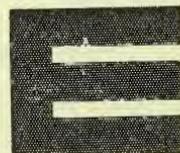
EADE'S PILLS LTD.
(Dept. C. & D),
232 Goswell Rd.,
LONDON, E.C.I.
Clerkenwell 3370



PAT.

DON BRYAN LTD.—

Wholesale Chemists & Druggists
176/177 HIGH STREET,
Serving
SOUTH, WEST, and MID-WALES
Supplying
CHEMISTS ONLY



*Eucryl dentifrice
steady sales
steady profits*

**DEMAND
IS GROWING AND STILL
GROWING**

You can recommend
Drury's Infants' Pres-
ervative with every
confidence. It is safe,
effective, and a most
excellent remedy for
Wind Spasms, Grip-
ing pains, and other
distressing complaints
Incidental to infants
at the period of
cutting their teeth.



for

**DRURY'S
INFANTS
PRESERVATIVE**

DRURY'S PHARMACEUTICALS LTD. NEWCASTLE UPON TYNE



"You will find Musterole really *inexpensive* "

Yes, inexpensive because Musterole lasts longer, does more good. Read the fine Musterole formula — you'll agree that it *should* cost a little more. The best products always do. Don't forget — recommend Musterole. Your customers will thank you for it.

Musterole sells at 3/2 per 1 oz. pot and brings you 4/- per doz. extra profit.



★ All the comforting warmth of a mustard plaster — but easier to apply — you simply rub it in.



Because of its meat and malt content, redigested by a special process, Winox has been recommended for weak digestions by doctors and nurses for the past thirty years. Supplies are short, so please help us to reserve available stocks for invalids only.

Sole Distributors:
BROOKS & WARBURTON LTD.
32 VAUXHALL BRIDGE ROAD, S.W.1



WINOX
THE MEAT AND MALT WINE

BEAUFOYS' WINES LIMITED
140N PLACE, SOUTH LAMBETH RD., LONDON, S.W.8

AND SO BY THEIR
STANDARD OF
PERFECTION,
SO SHALL THEY
BE KNOWN AS . . .

LIKRO - MENTHS

LIQUORICE AND MENTHOL PELLETS

★ AT THEIR VERY BEST

7D AND 1/2
INCLUDING TAX

EXHIBITORS, CANADIAN
INTERNATIONAL FAIR
1948

W. J. DAVIES (WESTER) LTD.
MAINDY WORKS, MAINDY, CARDIFF



MOORE MEDICINAL PRODUCTS LTD.

ABERDEEN
SCOTLAND

The Remedy for— *Asthma* which excels all others

The above expresses the opinion of tens of thousands of critical asthmatics. Display and recommend it; repeat sales will follow automatically.

The profit is generous. 9/2d. per $\frac{1}{2}$ -oz. bottle and in larger sizes.

INHALANT **BROVON**

WHAT IS YOUR
AVERAGE GROSS
PROFIT?

If it is more than 30% you know you are doing well in these days. Keep that percentage up by stocking Kodeno on Display Terms. Kodeno sales show 40% on turnover including new double purchase tax.

KODENO

(Codeine Co. Tablets)

KEEPES YOUR PROFITS UP

Write now for Bonus Display Terms

CROSS & MAX LTD

17-18, Bishops Court, Old Bailey,
LONDON

E.C.4

KEEDOSOL

Non-Toxic Germicide

Phenol co-efficient 5 to 6 (R.W. test)

A Pleasant, Refreshing, Economical and efficient general antiseptic.

Sample and prices available on request

Generous Terms

**FERRIS & COMPANY
LIMITED BRISTOL**

SECOND TO NONE
Malt Extract Tablets



A delicious, sustaining sweet for dissolving slowly in the mouth. Children love them. Supplied in counter display boxes of 2 dozen. **7½ D. INC. TAX**

ANDERSON RICHARDS & CO. LTD.

37 Eastcheap, London, E.C.3

ORDER IN TIME

RETAIL PRICES 1/6 & 2/9
including Purchase Tax

CUPAL MARGINS AND DISCOUNTS

CUPAL LTD., Manufacturing Chemists, BLACKBURN

FRULIGAR
Garlic Mixture
for COUGHS

GRIMSBY

COD LIVER OIL & HALIBUT LIVER OIL PRODUCTS

Are you meeting the Demand?

Our products include :

GRIMSBY COD LIVER OIL.

GRIMSBY 50% COD LIVER
OIL EMULSION (with or with-
out Hypophosphites)

COD LIVER OIL CAPSULES.

HALIBUT LIVER OIL.

HALIBUT LIVER OIL CAPSULES.

ORANJUICE A.D., etc.

★ Full details and trade terms on request

FAIRBANK KIRBY (Grimsby) LTD., Manufacturing Chemists
ROPERY STREET, GRIMSBY

15 PRIZE MEDALS AWARDED

December 27, 1947



NAPE'S NEEDLE—this famous Lakeland rock, 60 ft. high, first climbed in 1885, typifies the enduring qualities

Milward's
VIM
REGD TRADE MARK

HYPODERMIC
NEEDLES &
SYRINGES

The very pinnacle of fame achieved by Vim Needles and Syringes is due to vital and distinctive qualities long recognised by all medical men who use them and habitually order them name.

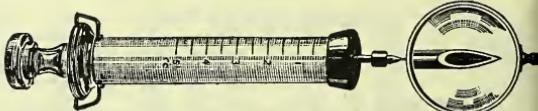
VIM STAINLESS STEEL HYPODERMIC NEEDLES. V Needles outlast three to five needles made of ordinary steel. They are rust-resisting, with razor-sharp edges.

VIM HYPODERMIC SYRINGES. Special "heat-resistant, slow ground" glass; *individually* mated glass plungers working *individually* calibrated barrels. Repair service available. Sizes up to 20 c.c. Limited supplies.

Sole British and Empire
Distributors (except Canada)

Chas. J. Haekray
LTD.

Head Office : THE OLD MEDICAL SCHOOL, PARK ST., LEEDS, 1
Also at 38 WELBECK ST., LONDON, W.1



MARKSMAN



Sponges

MARKSMAN BRAND for satisfaction.
Early delivery can be given.

Leslie Marks & Company Ltd.

Importers and Exporters of Fine Sponges,
Chamois Leather Dressers.

7 & 9 EARLHAM ST., CAMBRIDGE CIRCUS
LONDON, W.C.2. Temple Bar 6135/6

CONTROL OF HEAD LICE

Nits and Head Lice can now be dealt with quickly and economically without unpleasant evidence of treatment.

An N.W.F. formula now being used extensively by Public Health Authorities.

'Semprolia'
BRAND

MEDICATED (LETHANE) HAIR OIL N.W.F.

Insecticide for control of Nits and Head Lice



'SEMPROLIA' MEDICATED (LETHANE) HAIR OIL N.W.F.
IN URGENT AND RAPIDLY INCREASING DEMAND

Retail (2-oz.) 1/3d. including P.T.
List 8/- doz. Packed in 2-dozen outers.

P.A.T.A.

STEMCO LTD., 128, Albert Street, London, N.W.1
Agents in Eire—May Roberts (Ireland) Limited, Dublin

**Dr. J. Collis Browne's Chlorodyne
and
The Pharmacy and Poisons Act, 1933**

**Dr. J. Collis Browne's
CHLORODYNE**

ALE RESTRICTED TO REGISTERED CHEMISTS

PURCHASER'S SIGNATURE NOT REQUIRED

Sole Proprietors :

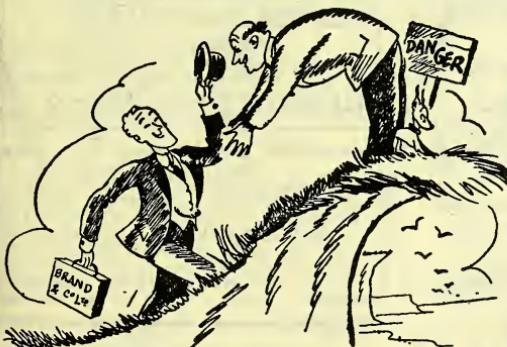
**J. T. DAVENPORT LTD.
UNION ST., LONDON, S.E.1**

P.A.T.A.



P.A.T.A.

Little-known Limericks — No. 17 (Reprinted)



**Said a chemist who lived on a cliff,
"I would surely jump over it if
My quota from Brand's.
Didn't come to my hands**

Smack on time, but it does! What a diff!"

The Brand Man's job isn't an easy one. He knows too well that supplies can't meet demands. But he's always fair in his distribution. Brand's products are distributed on a strict quota basis; so you can always be sure of getting your share.

**Brand & Co. Ltd.
London**



BEAR BRAND HONEY

The Premier Brand

Standard Grades for all manufacturing
purposes.

Purity and Quality Guaranteed.

Supplies are still restricted.

THE BEAR HONEY CO. LTD.
ISLEWORTH, MIDDLESEX.
(Branch of L. GARVIN & CO. LTD.)

**National Advertising
is creating a demand
for**

Nuctone SAFE FOR GREY HAIR

THE NATURAL AND
PERMANENT HAIR TINT
now available in two sizes and
four grades attractively packed for
home use.

Special introductory parcel sent
C.O.D. containing 9 small size
Nuctone assorted. Total Cost 17/8 +
17/8 Tax — £1-15-4

POST AND C.O.D. CHARGES FREE
SHOWCARD PROVIDED
Export enquiries invited

STEWART, GOODALL & DUNLOP, LTD.
121A PRINCES ST., EDINBURGH
ON P.A.T.A. LIST

D'r JANSSEN'S BRAND TEA & TABLETS



These tonic remedies for figure
fitness are in greater demand
than ever. National advertising
stimulates this demand and makes them
ready sellers. Supplies are readily available.
If you want to share in this
demand write for details
of prices and packings.

• Wholesale dis-
tributing agents
are wanted in
most areas
throughout the
country.



Dr. JANSSEN LTD.
52, BAKER ST. LONDON W.I.

GUM DROPS & PASTILLES Manufactured in FRANCE

All Flavours — All packings, also loose
Large quantities immediately available
export to all countries — Bargain Price

GUENOT
Manufacturing Chemists,
14 avenue Mozart, PARIS, FRANCE

LEVER BRAILSFORD & CO. LTD. —

Manufacturing Chemists

Specialities: COMPRESSED TABLETS, INCLUDING
SWEETENING TABLETS : MENTICINE
LOZENGES : LIQUORICE IN ALL VARIETIES
MEDICATED TABLETS AND LOZENGES
MENTHOL AND LIQUORICE PELLETS IN BULK
Home and Export Enquiries Solicited
Irwell Vale Works, Radcliffe, Manchester
Telephone: RADCLIFFE 2579

KOMPO FOR COLDS

Manufactured only by
J. F. WHITE & CO., LTD.
Lovington Laboratory, Bermon St., Leeds, 7

TIMES AS MANY SALES!!



WHEN you
display this
container
prominently
on your
counter...

BIGGEST NEW PROFIT-MAKER!

ONE CHEMIST sold 2 dozen Vick Inhalers within 2 hours of putting them on display. Unusual? Of course! But actual tests show that 5 times as many Vick Inhalers are sold when the attractive display-container is given No. 1 counter position. Try it and see!

Packed in attractive 2-dozen display-containers.

Retail price 1/8 (inc. tax).



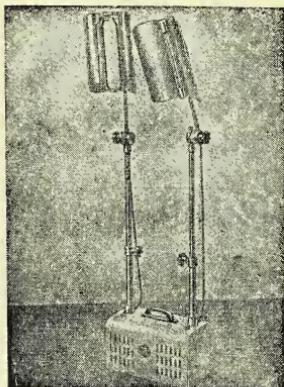
Distributors :

J. C. GAMBLER & CO. Ltd. 209-215 Blackfriars Road, London, S.E.1



Perihel and the

Trade!



The basis of our Sales Policy is full and steadfast co-operation with the "trade" and its accepted customs. We refer to trade enquiries to our wholesalers and forward to our stockists enquiries from the public. We have a comprehensive range of trouble-free Sunray appliances and Perihel Lamps are in numerous Hospitals, Nursing Homes, Institutions, Welfare Centres, and in thousands of homes throughout the world. Our Service Organisation deals promptly and effectively with requests for medical advice and information of a technical nature. Profit and goodwill are built on Perihel. Please write for literature, trade terms and details of available sales a

PERIHEL LIMITED (Dept. CD2), EDGE STREET, LONDON, W.C.2

Make Money
out of the
Moth Menace

Sell

PROMOL

**MOTH
RINGS**

RETAIL AT

7 D
PER
PACKET



Whole-
sale

56/- Per Gross

PROMEDICO PRODUCTS LTD.
22 Turle Rd., London, N.4

ARCHway 2771

Death to Flies

SCOTT'S

D.D.T.
FLY and MOTH
PAPERS

DESTROY FLIES ON CONTACT



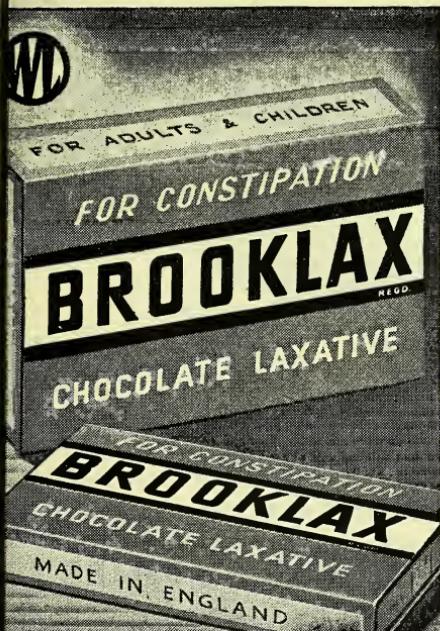
THIS YEAR'S FASTEST SELLING LINE

Scott's D.D.T. Fly Papers will clear a room of flies, gnats, midges, etc., in no time. D.D.T. is absorbed through the pads of the flies' feet which causes death very quickly.

PRICE 24/- PER GROSS
TRADE & WHOLESALE ENQUIRIES INVITED

Sole Manufacturers
J. & K. SCOTT,
MANUFACTURING CHEMISTS,
81, SUMMER ROW - BIRMINGHAM, 5.

DISTRIBUTORS: SWINNERTON
SHIRE OAK WAREHOUSE • STONNALL • WALS-

**IMPORTANT!****18 Tablet
size...now
available!**

In packs of 6 and 18 tablets

New Retail Prices 7½d. & 1/6

Trade per doz. 4/- & 10/-

Plus Purchase Tax

WESTMINSTER LABORATORIES LTD.

Chalcot Road, London, N.W.1

Telephone : PRImrose 3395/6/7.

acute Gastro - Intestinal
Infections**DIMOL SYRUP**
for**RAPID ACTION**

RICE	Minimum Retail Price		Minimum Wholesale Price	
	4 oz.	3/6	5d.	29/5 doz.
16 oz.	12/-	1/5	100/10,,	

whatever the Gastro - Intestinal
condition DIMOL is indicated

Distributing Agents

THE ANGLO-FRENCH DRUG CO., LTD.,
11-12, Guilford Street, London, W.C.1.Telegrams: "Ampsalvas London."
Telephone: HOLborn 6011.Dimol Laboratories, Ltd.,
34-40, Ludgate Hill, London, E.C.4.**THERE IS NOT
SUFFICIENT****Beaulah's****FAMOUS
MALTED MILK****For all the people
who want it.**Our policy therefore is
to distribute all available
supplies to our Chemist
Friends only.In one popular size
only at present ... **2/6****J. & J. BEAULAH LIMITED
BOSTON LINCS.**



acnolene

clears the skin

Prescribed by Doctors and Skin Specialists in the treatment
all types of acne, for dermatitis and for soap sensitive skin.
4 oz. 2/9; 16/9 doz. 8 oz. 5/-; 30/- doz. (plus 50% P.T.)

A PRODUCT OF
ASHE LABORATORIES LTD

120/2 Victoria Street, London, S.W.1. Phone: VICToria 678



Sole distributors for United Kingdom
Stanwhite Ltd., Parkhouse Wks., London, S.E.5. Rod 4416

LOVELUCK EDWARDS
& CO.

MFG. CHEMISTS. WHOLESALERS.

Cosmeticians & Packaging
Experts to the Trade.

EXPERIENCED CHEMISTS, ARTISTS,
PRINTERS AND DESIGNERS FOR
YOUR PRODUCT AND YOUR PACK.

Raw Materials. Containers.
Specialities.

Perfume Bottles with or without cases.
Coffret Boxes for Gift Sets.
Bath Salt Coffrets & Novelties.
Toilet Bottles. Lipstick Cases, etc.

Illustrated Lists on Request.

432/438/440 GARRATT LANE
S.W.18.

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←TEL→

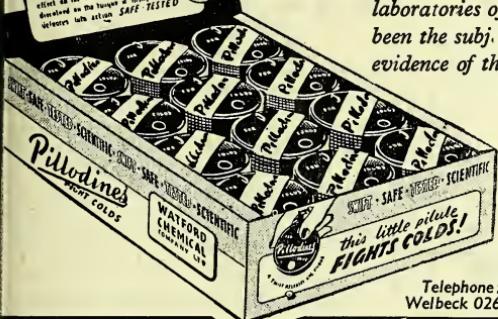
1937

TO RELIEVE **COLDS**

PILLODINES mobilise and set in motion the natural body resistance.

PILLODINES 'make up' the serious Iodine deficiency from which large numbers of people are suffering to-day.

PILLODINES were evolved after years of scientific research in the internationally famous pharmaceutical laboratories of R. Shering. **Pillodines** have been the subject of organised tests providing evidence of their efficiency.



PROFIT
OVER **55%**

Write for full trade terms
WATFORD CHEMICAL CO LTD
30 BAKER STREET • LONDON • W.I

Telephone :
Welbeck 0264/8

Telegrams :
Watchempro, Wesdo, London

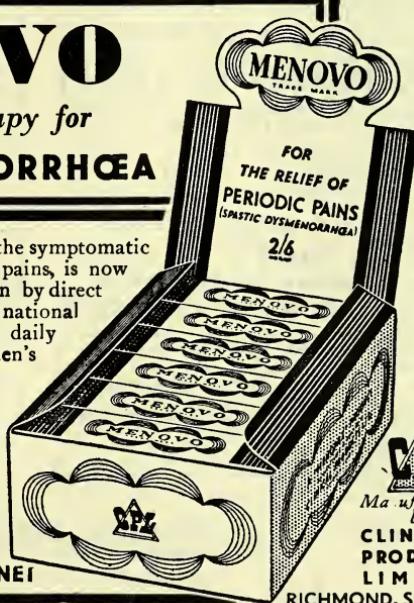
MENOVO

The Rational Therapy for
SPASTIC DYSMENORRHœA

MENOVO, an entirely new approach to the symptomatic and antispasmodic therapy for menstrual pains, is now being introduced to the medical profession by direct mail and press announcements. A national campaign has also been arranged in the daily press, provincial newspapers and women's magazines.

ORMULA : Bromisovalerylurea $\frac{1}{2}$ gr. (6.25 mg.); Carbromal $\frac{1}{2}$ gr. (48.75 mg.); Cetphenetidin (phenacetin) $2\frac{1}{2}$ gr. (140.00 mg.); Eth. hydrochlor. $\frac{1}{2}$ gr. (1.95 mg.); Codein phosph. $\frac{1}{2}$ gr. (3.25 mg.); Ext. bellad. sicc. $\frac{1}{2}$ gr. (90 mg.); Sod. bicarb. 2 gr. (130.00 mg.); aromatic carminative q.s. Excipient q.s.

Orders for "smalls" may be handled by your usual wholesaler. Bonus parcels obtainable only from the sole distributors
MAW OF BARNEI



CPL
Manufactured by
**CLINICAL
PRODUCTS
LIMITED**
RICHMOND, SURREY

MISCELLANEOUS OPPORTUNITIES

ASPIRIN 309

Supplies of this New, Palatable and convenient form of Aspirin—with the lemon flavour—are immediately available. Extensive Advertising supports you and attractive display material sent upon request.

Manufactured by
SMITH, SAVILLE & PARTNERS Ltd.
Willshaw St., London, S.E.14

SULPHONATED LAURYL
ALCOHOL POWDER

ANY QUANTITIES UP TO 8 CWT. SAMPLE
ON REQUEST. 5/- PER POUND.
2/165, C. & D. OFFICE.

OPTICAL TUITION

FOB THE
S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars:—
C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O.,
F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

EX-R A F
PANCHROMATIC FILM

(fully guaranteed). Price includes Purchase Tax at new rate.
Cutting to widths extra as shown.

		per tin
155' x 9" PAN or SUPER XX	£11 5 0	15/- extra
56' x 5½" Panchromatic	1 16 0	4/- "
24' x 5½" Panchromatic	1 4 0	3/- "

BROMIDE paper also available—send for details.

PLATTS PAGE & CO. LTD
373/5 UXBRIDGE ROAD, ACTON,
W.3

PRE-PACKING & LABELLING
(We can now accept fresh orders)
LIQUIDS: From Bulk into any size bottle
from $\frac{1}{2}$ oz.
POWDERS & TABLETS: Mixed and packed to customers
Specifications.
J. H. WISEMAN & CO. LTD.
100 Blackstock Road, Finsbury Park, N.4.

For . . . BUSINESS SALES AND PARTNERSHIPS
Apply . . . COMMERCIAL DEVELOPMENT COMPANY
199 LONDON ROAD • SEVENOAKS • KENT

Clear Glass—

BOTTLES with bakelite **CAP**
JARS with metal or bakelite **CAP**

Also **CAPS** in quantity to the Trade
Prompt and Reliable Delivery
Price List on enquiry

H. & A. DISTRIBUTORS LIMITED
19 MARKET STREET
Phone: MAIDENHEAD 2311

"TELBAT" (BRAND) ASPIRIN TABLETS B.
6 GRAINS

BULK AND PACKED 12's, 25's, 50's and 100's
FOR IMMEDIATE DELIVERY.
HOME & EXPORT

Write to: THREE CROWNS TABLET CO.
21-25 Derringham Street, Hull, ENGLAND

520 new round 2 gal. Tin Containers;
750 new 1 lb. Screw-top Tin Oil Cans;
800 standard sized Biscuit Tins for
sale. Reply to Box No. 2/425

BOTTLES and JARS

Importers of all types of Bottles and Jars
Immediate deliveries. Ask for Catalogue

MARLENE PRODUCTS (LONDON)
12 FORDWYCH COURT, N.W.2. Tel: GLA. 474

BOTTLES & JARS

PERFUMERY and FANCY TOILET BOTTLES.
Medical Flats, Panels, Ribbed ovals, Poisons, Round
Clear, amber and opal Jars, Pomade and Squat,
Metal and Plastic Caps; Talc Tins.

B. JAMES 131 LATIMER ROAD, LONDON. W.10
PARK 6072.

Please send your enquiries for
POWDER FILLING
of all types, the latest machines used.
2/196.

C & D Office.

The CHEMIST AND DRUGGIST SUPPLEMENT

Supplement is included in every copy of Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2.

DECEMBER 27

1947

Walling restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send contributions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

encies advertised are restricted to persons or
omments excepted from the provisions of the
rol of Engagement Order, 1947.

SITUATIONS OPEN

36 words or less, 3d. for every additional word

RETAIL (HOME)

TANT WANTED, male. A newly qualified
find varied and valuable experience in this
cy. Please apply with the usual particulars
ode Cosh & Penfold, Ltd., Lower Union St.,
I.

DON. Lady with knowledge of dispensing
etall pharmacy required. Unqualified or Hall
experience, salary required and photo if possi
Dawson, 309 London Rd., Croydon.

ER. Assistant, qualified or unqualified, either
or dispensing and counter; busy pharmacy; no
ay work. Christian preferred. Commence
ry. Box 2/431.

DON, S.E.1. Assistant, male or female, for
I. dispensing in busy working-class business for
six months. Good remuneration. Please state
available and salary required. Kemble
ists, 69 Blackfriars Rd.

DGE & COMPANY Employment Agency, 184
d, W.C.2. Temple Bar 9212/3. Branches at
hampton and Birmingham. Enquiries invited
pharmacists and unqualified persons requiring
ions. Many attractive vacancies available.
Ex-
tances existing in progressive per
encies. Locums provided for. No charge to
e employees except registration fee. Apply to 184
d, W.C.2, in first instance.

DGE & COMPANY, 184 Strand, W.C.2, have
ancies for competent stocktakers with full know
of the trade. Apply in own handwriting in
stance, stating when available to commence
ers.

RMACISTS and unqualified assistants required
acancies in South-East and South-West London.
manent progressive positions. Superannuation
ne in operation. Apply in writing, stating age,
ience and salary required to the Staff Man
Royal Arsenal Co-operative Chemists, Ltd.,
owis Street, Woolwich, S.E.18.

REY. Qualified manager is required in good
pharmacy; pleasant situation. Apply, with full
cials, to O. L. Carrington, M.P.S., 5 High
Dorking.

DESELEY & DIST. IND. CO-OPERATIVE SOCIETY,
240 Elliott Street, Tyldesley. Qualified chemist
optician required as superintendent for new
macy to be opened in the near future. This
permanent position with excellent opportuni
and advantages. Written applications to be
arded to the office of the above Society, giving
and experience, together with copies of two
at testimonials, not later than Saturday,
uary 3, 1948.

UNQUALIFIED assistant required, mainly for dis
pensing in Croydon. Apply in first instance, giving
full particulars of experience and salary required
to O. L. Carrington, M.P.S., 5 High St., Dorking.
WELL-KNOWN West-End chemists require lady
pharmacists for a small branch. Good hours and in
teresting post. Apply Box 2/413.

YOUNG PHARMACIST required for busy pharmacy.
Comfortable hours. No Sunday or holiday duties.
Apply by letter in first instance with full particulars
to Amos Jones (Chemist), Ltd., 78 Long Acre,
W.C.2

WHOLESALE

AN ASSISTANT ANALYST (female) required, with
experience of pharmaceutical analysis. Factory
situated on eastern outskirts of London. Write,
stating age, experience and salary required, to Box
2/439. This advertisement is inserted by permission
of the Ministry of Labour and National Service,
under the Control of Engagements Order, 1947.

APPLICATIONS are invited from keen, experienced
salesmen calling upon the majority of chemists in
the following areas:—(1) Lancs, Cheshire, N. Wales;
(2) Cumberland and Westmorland; (3) Midlands
north of Birmingham; (4) Scotland; (5) N. Ireland.
Representatives in other areas earning £500-£1,000
p.a. from our two popular profitable nationally
distributed lines. Excellent commission offered
to real salesmen. Car owners preferred. Write full
particulars to Box 2/427.

APPLICATIONS are invited from young, recently
qualified pharmacists of B.Pharm, or Ph.C. standard
for appointment early in the New Year to the
technical representative staff of a well-known company.
In addition to sound training candidates
must have the necessary personality required for
interviewing members of the medical and allied pro
fessions. To men with the necessary ability these
appointments offer good scope for progressive ad
vancement. Applicants should submit full details
of age, training and salary required, in first letter.
Box 2/399.

ACTIVE REPRESENTATIVES required in all coun
ties excluding Scotland, Lancashire, Yorkshire and
Cheshire, to carry proprietary sanitary towels on
commission basis. Only those representatives with
live connections amongst Co-ops. and departmental
stores need apply. All particulars to the Managing
Director, Box 2/373.

AN ESTABLISHED COMPANY marketing nationally
advertised products of high repute require exper
ienced representatives with established connections
amongst wholesale and retail chemists, ladies' hair
dressers and hairdressers' sundriesmen. Salary, com
mission and expenses. Permanent and progressive
appointment. Write stating age, area covered,
details of past experience, whether car owner, salary
required, to Box 2/371.

CHEMICAL PROCESSERS and mixers wanted for
cosmetic and soft soap making. Good salary and
conditions. Apply to Messrs. R. Hovenden & Sons,
Ltd., 41-53 Britannia Row, Islington, N.1.

EVANS MEDICAL SUPPLIES, LTD., require an assistant analyst of Ph.C. or A.R.I.C. standard. Salary according to qualifications and experience. Apply to The Manager, Evans Medical Supplies, Ltd., 29 Fleet St., Liverpool, 1.

EXPERIENCED representatives or agents with good connection with retail pharmacists required by manufacturing chemists to carry an additional line on generous commission terms. Box 2/341.

FOREMAN polish maker, experienced, required for old-established London firm of polish manufacturers. Excellent prospects for suitable person. Write Box 949, Smiths', 100 Fleet St., London, E.C.4.

LANCASHIRE. Prominent company has vacancy for an enthusiastic representative with real ability to sell range of widely advertised C.F. Proprietary Medicines. Progressive position. Salary and expenses. Write in complete confidence, giving full particulars of experience, age and salary required. Box 2/410.

LONDON AND HOME COUNTIES. Two representatives are required by manufacturing chemists of repute marketing range of popular and widely advertised C.F. proprietaries. These situations are permanent and progressive, remunerated by salary and expenses. Applicants must give fullest particulars of experience, age and salary required. Box 2/409.

MANUFACTURING CHEMISTS, N.W. London area, have vacancy in their pill factory for an assistant with previous experience, or willing to learn the trade. 5-day week. Write, stating age, details of previous experience. Box 2/417.

MANUFACTURERS of C.F. preparations require representatives or agents for all areas to carry their products on a 20 per cent. commission basis. Applicants must have good connection and be prepared to give full representation. Applications, with full particulars of present territory, companies represented and lines carried, to Box 2/390.

PHARMACIST required as representative by Manchester firm of manufacturing chemists and wholesale druggists servicing the Greater Manchester area. Must be car driver. Recently qualified considered if willing to be trained. State salary and usual particulars Box 2/433.

PILL AND TABLET COATER. Experienced in all types of coating work, resident in London area, required by manufacturing chemists working 5-day week. Apply, with full details of past experience, age, and salary required. Box 2/418.

REPRESENTATIVE required by manufacturing and distributing company for the area of Yorkshire. Must have live connection among the pharmaceutical trade. Retail and wholesale. Remuneration, salary, commission and expenses. Write, stating full details, age and experience. Box 2/424.

REPRESENTATIVES required to call on chemists in Yorkshire. Write, stating experience, salary required and if car owner, to J.C. Eno, Ltd., Watford.

REPRESENTATIVES required for the following areas, S. Wales, London and Home Counties and West Country, with good connection chemists and stores, etc., for nationally advertised medicinal product. Salary, expenses and commission. Apply, giving particulars, Box A.C. 24454, Samson Clark's, 57-61 Mortimer St., W.1.

SALESMEN. Must be first-class, with strong connection best type chemists, stores and ladies' hairdressers, to introduce high-priced range biological beauty products, supported by appropriate presentation and publicity. Straight commission or salary, expenses and commission. Box 2/436.

STOREKEEPER required by cosmetic manufacturers, S.W. London area. Previous experience essential. Age under 40. Write, giving full details of experience and salary required, to Box 2/438.

THE BRITISH DRUG HOUSES, LTD., require a keen young assistant pharmacist for their manufacturing laboratories. Apply Personnel Manager, Graham St., City Rd., N.1.

THIS ADVERTISEMENT is published by permission of the Ministry of Labour under the Control of Employment Order 1947. First-class counter for dry counter required. Newcastle-on-Tyne, persons not normally employed in coalmining agriculture may apply. Applications in writing giving full particulars of age and experience. Box 2/429.

TWO VACANCIES exist for representatives of personal sales ability in (1) Eastern Counties and (2) Cumbria, Durham, Northumberland and Westmorland. Excellent opportunities for enthusiastic remuneration by salary and expenses. Write stating experience, salary required, age, and if car owner to Sales Manager, Westminster Laboratories, 1 Chalcot Rd., London, N.W.1.

UNQUALIFIED lady assistant required at once Wright, Layman & Umney, Ltd., for position of modern ampoule department. Apply with reference and full particulars of experience and salary required, to 66/76, Park St., S.E.1.

YOUNG LADIES REQUIRED for reagent section laboratory. Progressive situations. Five-day week. Apply to Chief Chemist, Hopkin & Williams, Ltd., Cross St., Hatton Garden, E.C.1.

WHOLESALE (OVERSEAS)

CEYLON. Qualified chemist capable of taking management of department, salary and allowances approximately £1,000 per annum. 4 years' experience, passage paid out and home, 6 months' holiday with half pay and free passages if engagement renewed. Low income tax and other benefits. The position holds excellent prospects. Full particulars of experience to Box V.81, Willings, Grays Inn Rd., W.C.1.

CHEMISTS urgently required by large company operating in the Middle East. Will be employed either on development or process work and should be prepared initially to undertake shift work in process plant; should possess B.Sc. degree and preferably have had subsequent industrial experience. Age not over 30. Single men preferred. Starting salary not less than £500-£600 p.a. according to qualifications, together with a generous allowance in local currency, also free furnished bachelor accommodation, free passages out and home; medical attention; kit allowance; provident fund benefits. Applicants must be of full British parentage and should write, stating age, qualifications and experience, to Dept. F.18, Box 162/462.

PLANT CHEMISTS urgently required for plant operations by large company operating in Middle East. Applicants need not be graduates and should have had a chemical training up to B.Sc. or National Certificate Standard with experience of shift work in either a gas, coke oven or chemical works. Age not over 30. Salary in sterling between £540 and £600 per annum plus general allowances in local currency, with free furnished bachelor accommodations, passages out and home; medical attention, also kit allowance and provide fund benefits. Apply, stating age, qualifications and experience, etc., to Dept. F.22, Box 162/461.

SITUATIONS WANTED

3/- for 18 words or less, 1d. for every additional word

WHOLESALE

FIRST-CLASS, qualified representative or sales manager, 20 years' experience. Midlands preferred. Remuneration £800/£1,000 per year. Box 2/415.

LANCS/YORKS. Representative with own car desired post. Residence West Riding. Sound pharmaceutical knowledge. Keen, energetic. Age 33. Box 2/426.

TRAVELLER (45) long all-England travelling and full office experience; highest references, seeks indoor position. Willing probation. Box 2/420.

APPOINTMENTS**CITY OF NOTTINGHAM HEALTH COMMITTEE****ASSISTANT PHARMACIST**

Applications are invited for the above appointment from duly qualified Members of the Pharmaceutical Society. Salary at the rate of £10 per annum rising by annual increments of £1 to £430 per annum, and thence by a further increment of £20 to £450 per annum, in accordance with the Joint Negotiating Committee (Hospital Staffs) recommendations. The successful candidate will work under the direction of the Chief Pharmacist and will be required to undertake duties in other of the Dispensaries as occasion demands.

Applications, stating age, qualifications, date of experience and previous appointments if any, together with copies of two recent testimonials, to be sent as soon as possible to the Medical Superintendent, The City Hospital, Nottingham.

J. E. RICHARDS,
Town Clerk.

Guildhall,
Nottingham.

KENT COUNTY COUNCIL**ASSISTANT PHARMACIST**

Applications are invited for the following appointment at the County Hospital, Sevenoaks Road, Orpington.

ASSISTANT PHARMACIST (M.P.S. or C.) either sex. Hospital experience preferred. £370 a year by four increments of £15 each, one of £20 to £450 a year. Superannuation. Medical examination necessary.

Applications, stating age, qualifications, experience and the names and addresses of two suitable persons to whom reference may be made as to professional ability, to be sent to County Medical Officer, County Hall, Maidstone, as soon as possible.

W. L. PLATTS,
Clerk of the County Council.

County Hall,
Maidstone.

12th December, 1947.

METROPOLITAN HOSPITAL
KINGSLAND ROAD,
HACKNEY E.8.

SENIOR ASSISTANT in Pharmaceutical Department required. Previous hospital experience an advantage. Pharmaceutical certificate to be considered. J.N.C. Salary Scales and Superannuation Scheme in force. Hours 9 to 5. Lunch provided. Apply, giving qualifications, experience and references, to House Governor.

MIDDLESEX COUNTY COUNCIL

REGISTERED DEPUTY CHIEF PHARMACIST required at NORTH MIDDLESEX HOSPITAL, EDMONTON, N.18. Similar experience may determine commencing salary; minimum £425 p.a., rising by annual increments to £525 p.a. Whole-time, established, pensionable, subject to medical examination. Application, stating age, nationality, qualifications, experience, enclosing copies of recent testimonials to MEDICAL DIRECTOR Hospital. No forms (quoting D.275 CD).

C. W. RADCLIFFE,
Clerk of the County Council.

Middlesex Guildhall,
S.W.1.

KING'S COLLEGE HOSPITAL,

DENMARK HILL, S.E.5

ASSISTANT PHARMACIST required. Salary in accordance with the J.N.C. Scale. Federated Superannuation scheme in force. Applications, with details of experience, should be sent to the Pharmacist at the above address.

MIDDLESEX COUNTY COUNCIL

ASSISTANT PHARMACIST for HAREFIELD COUNTY HOSPITAL, Harefield, Middlesex. (Registered essential). J.N.C. (Hosp. Staffs) salary £370 inclusive; annual increments up to £450 p.a. considered. Similar experience may determine commencing salary. Recently qualified pharmacists eligible. Whole-time, unestablished, possible establishment; subject to medical examination. Application stating age, qual., exper., with copies of up to 3 recent testimonials to MEDICAL DIRECTOR at Hospital, IMMEDIATELY. No forms (quote C 292 C.D.).

C. W. RADCLIFFE,
Clerk of the County Council.
Middlesex Guildhall S.W.1.

QUEEN MARY'S HOSPITAL FOR THE EAST END,

Stratford, London, E.15.

ASSISTANT PHARMACIST

Applications are invited from registered pharmacists for this appointment which will be vacant on January 12, 1948. Salary scale, £370 per annum with annual increases of £15 up to £450 per annum. Commencing salary within scale according to qualifications and experience. Federated Superannuation Scheme in force.

Applications giving full particulars of age, qualifications and experience and copies of recent testimonials should be sent to the undersigned as soon as possible.

M. J. HUNTLEY,
House Governor and Secretary.

AGENCIES

17/6 for 36 words or less, 4d. for every additional word

AGENTS calling wholesalers only, sell cheap lipsticks and medicinal products. All counties vacant. Box 2/412.

AGENT, with strong connection export and shipping houses, to introduce high-priced range biological beauty products, supported by appropriate presentation and publicity. Box 2/437.

DISTRIBUTORS Chemical & General (Halifax), Ltd., Crown Court, Crown Street, Halifax, advise manufacturers that they are now re-opening their agency department and are prepared to consider agencies from first-class companies offering reasonable terms as regards commission, price to wholesale, price to retail, price to consumer, and speedy delivery.

EXPORT MARKET in Eire. The Distributors Chemical & General (Halifax), Ltd., Export Division, are prepared to consider accepting agencies from reputable firms for the sale of goods in Eire. This country is worked thoroughly by two full time men, one resident in Ireland. Terms and samples to Crown Court, Crown St., Halifax.

BUSINESS OPPORTUNITIES

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FACTORY SPACE and skilled packaging staff available. Well-known manufacturers with surplus packaging capacity used for external contracts would be glad to hear from pharmaceutical manufacturers or similar light product manufacturers requiring short term or long term assistance with packing. Box 2/391

PHOTOGRAPHIC CHEMISTS. In spite of shortages and quotas, retain the goodwill of your photographic clientele by selling "GOOD PHOTOGRAPHY," the magazine for photo enthusiasts. Its attractive presentation and informative contents ensure a ready sale. Published quarterly at 2/-. For trade terms write Publisher, "Good Photography," 123/5 Queen Victoria St., London, E.C.4.

PROPRIETORS of hygienic factory have facilities for assembly work or light packing. Strictest supervision and good work guaranteed. Write Box A.C. 24563, Samson Clarks, 57/61 Mortimer St., W.1.

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DRUG STORE wanted by ex-Serviceman. Capital available for purchase of freehold if necessary. Would consider chemist or surgical store. J. P. W., 28 Troy Court, W.8. Tel. 2838 (Wes 2462 after 6 o'clock.)

MISCELLANEOUS SALES

17/6 for 36 words or less, 4d. for every additional word

BOTTLES. 30 gross 6-oz. plastic screw cap medicals, plain, 38/- gr. 10 gross perfect washed, 4-oz. medicals, white flint panel and plain, 24/- gr. 20 gross 2½-oz. Tobins, complete screw cap, 33/- gr. Prices ex Leeds. 5 gross Simplex American safety razors, neatly cartoned, 12/- doz., inc. tax. Lever, 44 St. Albans St., Leeds. 2.

BOTTLES for sale. 40-oz winchester flints, screw neck, complete with plastic caps. Approximately 10 gross for disposal. Ozonol Laboratories (1930), Ltd., 7-9 New Wharf Rd., King's Cross, N.1.

FOR SALE. 3 cwt. lanette wax at today's price. Enquiries, Cuxson, Gerrard & Co., Ltd., Oldbury, Birmingham.

FOR SALE. Considerable quantity of unused printed talcum powder tins (round and oval sprinkler top) and lever lid tins 2½ in. x 3½ in., all suitable for gummed label, or arrangements can be made for respawning. Apply Box 2/423.

JAPANESE AGAR AGAR. 3 cwt. at 21s. per lb. Box A295 L.P.E. 110, St. Martin's Ln., W.C.2.

METHYL BROMIDE. 120 lbs. (99.4% CH_3Br) in 1 lb. (U.S.A.) sealed tins by Dow Chemical Co., £8 the lot. Also 20 c.c. ampoules methyl bromide in minimum lots of 320 at 6s. doz. All carriage paid. Box 2/434.

SURPLUS STOCK. 1,000 gross 20-mm. white enamelled tinplate screw caps, gold lacquered inside, fitted ceresine-faced compo cork wads, 3/- per gross, ex London, the lot. Percenta, Ltd., Percenta House, 130/2 Tooley St., London, S.E.1.

SURPLUS. Medical bottles and cylindricals for disposal, reclaimed, thoroughly washed. 6, 8, 10, 12, and 16-oz. sizes. Particulars on request to Lennard Lee-Narvill & Co., Ltd., Anlaby Rd., Hull.

SURPLUS. 2,000 gross corks for disposal, 1 to ½ in. Offers to Box 2/422.

SURPLUS STOCK. Sun glasses, various shapes & colours. Also quantity of prescription frames. Ap Box 2/411.

SURPLUS. 60 gross 3-oz. tablet bottles, with 320 gross pint corks. 60 gross quart corks, 40 transparent and Manila envelopes, size 2½ in. x 4 Samples, prices available on request. Apply 2/351.

WINCHESTERS, ½-gallon, with cork neck for disposal, approximately 20 gross. Enquiries invite Box 2/435.

WANTED

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A BIG PRICE offered for home cines, cameras, projectors. Bell-Howell, Kodak, G.B., etc. A Leica, Contax and other precision cameras, enlarge exposure meters, etc. Prompt cash. Walls Heaton, Ltd., 126-7 New Bond St., London, W.1.

AUTOMATIC cream filler wanted at once; big paid. Shavex Co., Bavaria Rd., Holloway, N.15. **BOTTLES.** 26-oz. and 13-oz. wine or champagne bottles required. Box 1/853.

FOR EXPORT: Barium chloride, papaverine hydrochloride, sodium nucleinate. Box 2/326.

GLYCERINE B.P. urgently required. Good price offered or 27 dozen packets standard saccharine tablets (100's) in exchange or 1 cwt. pro rata for or 56-lb. tins white petroleum jelly B.P. in large quantities. Box 2/180.

GLYCERINE wanted, any quantities taken of B. quality. Cash by return. State quantity available and price required to Box 157/296.

LABELLING MACHINE required. 3-oz., 6-oz. & 8-oz. medical bottles. State type available, giving full details and price. Hough, Hoseason & Co. Ltd., Atlas Mills, Chapel St., Manchester, 19.

LABORATORY CENTRIFUGE, hand or electrical driven, in good condition, immediately required. Premier Yeast Co., Ltd., Long Drive, Greenford.

LACTOSE B.P. or crude, wanted; or would exchange standard saccharin or sweetening tablets in lieu same. L. B., c/o Box 2/421.

MIXER WANTED. Horizontal steam jacketed with double blades. 700-800 lb. capacity. Stainless steel preferred. Particulars to Box 2/361.

NEATSFOOT OIL wanted, single barrels or up to one ton. Quote M.S.I., Ltd., 15 Selwyn House, W.C.1.

PACKER requires regular monthly supplies of bullet peppermint tablets. Particulars to Box 2/299.

PACKER requires regular monthly supplies of bullet liqueur and menthol pellets. Particulars to Box 2/298.

STEARIC ACID, triple pressed required in large quantities. Box 147/850.

ROTARY TABLET MACHINE, Manesty RBB 27 or 33 punch wanted in good condition, with 400 v. 3 ph. 50 cycle motor. Box 2/419.

WANTED. one Gardner or similar sifter and mixer. Capacity 200/300 pounds, fitted spraying apparatus. Full details to Chesebrough Manufacturing Co. Ltd., Victoria Rd., Willesden, N.W.10. Telephone Elgar 6101.

WANTED. Phenacetin, glycerine, required by manufacturing chemists. Offers to Box 2/307.

WANTED. Backing papers only, size 120, 620, 127; must be in perfect condition and rolled in bundles of 1 dozen each. Payment of 2/- per dozen by return. Enclose name and address in parcel and state number sent. Gray's Camera Shop, Lower Middle St., Taunton.

WANTED. Spools and backing papers, 120, 620, 127 sizes; must be in perfect condition with backing papers wound round spools. Payment of 3/- per dozen by return. Enclose name and address in parcel and give count. Gray's Camera Shop, Lower Middle St., Taunton.

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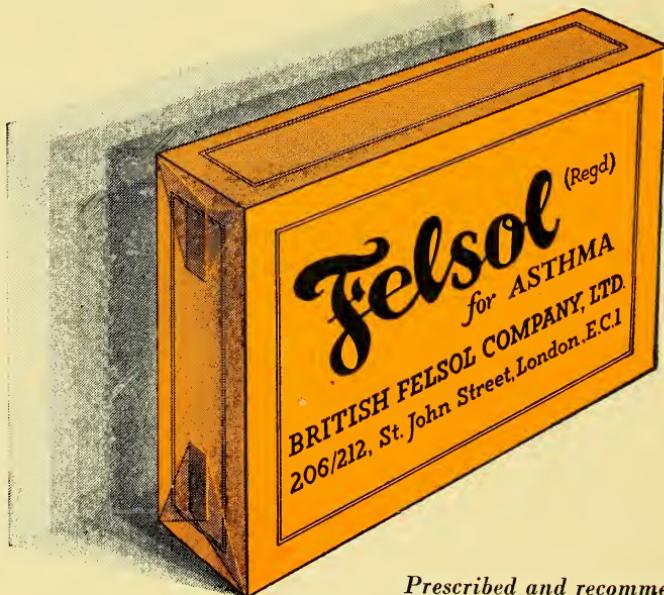
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